

Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] ab109746

 RabMAB

★★★★★ **6 Abreviews** **16 References** **17 图像**

概述

产品名称	Anti-Myelin oligodendrocyte glycoprotein抗体[EP4281]
描述	兔单克隆抗体[EP4281] to Myelin oligodendrocyte glycoprotein
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Mouse brain, Rat brain and Human brain lysates; Human astrocytoma tissue and Human brain tissue
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAB[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAB[®] patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.
存储溶液	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EP4281

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab109746于以下的经测试应用

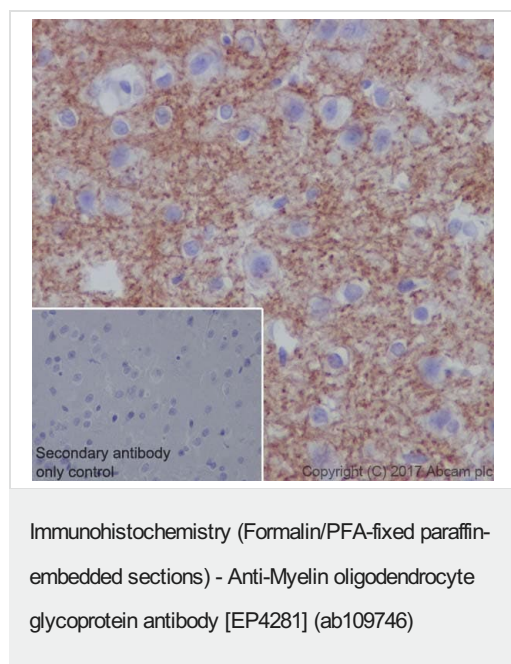
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (3)	1/1000 - 1/10000. Predicted molecular weight: 28 kDa.
IHC-P		1/1000 - 1/5000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. See IHC antigen retrieval protocols .

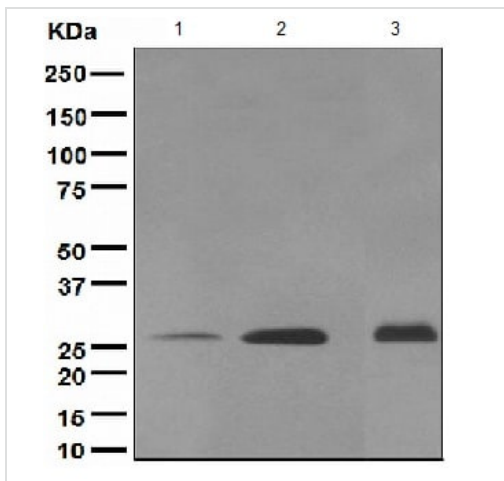
靶标

功能	Mediates homophilic cell-cell adhesion (By similarity). Minor component of the myelin sheath. May be involved in completion and/or maintenance of the myelin sheath and in cell-cell communication.
组织特异性	Found exclusively in the CNS, where it is localized on the surface of myelin and oligodendrocyte cytoplasmic membranes.
序列相似性	Belongs to the immunoglobulin superfamily. BTN/MOG family. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
细胞定位	Cell membrane.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat cerebrum tissue sections labeling Myelin oligodendrocyte glycoprotein with purified ab109746 at 1:1000 dilution (1.12 µg/ml). Heat mediated antigen retrieval was performed using [ab93684](#) (Tris/EDTA buffer, pH 9.0). Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use). PBS instead of the primary antibody was used as the negative control.



Western blot - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

All lanes : Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746) at 1/1000 dilution

Lane 1 : Mouse brain lysate

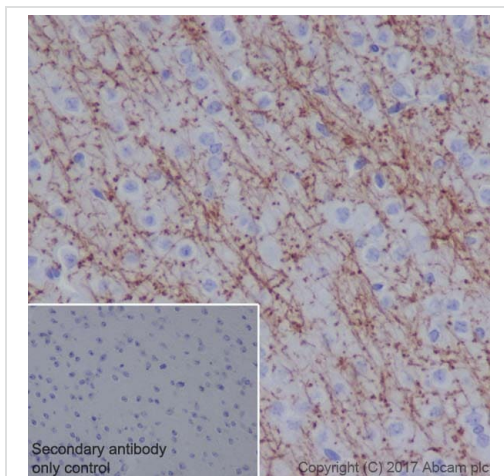
Lane 2 : Rat brain lysate

Lane 3 : Human brain lysate

Lysates/proteins at 10 µg per lane.

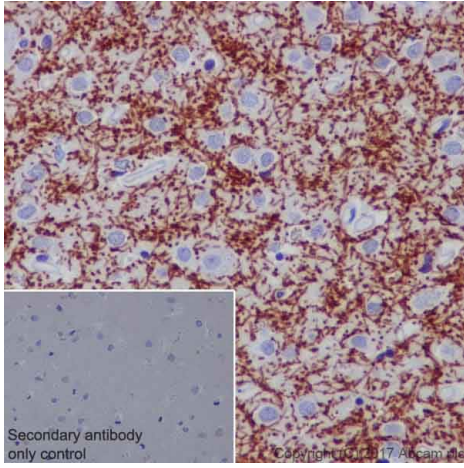
Predicted band size: 28 kDa

This image was produced using unpurified antibody.



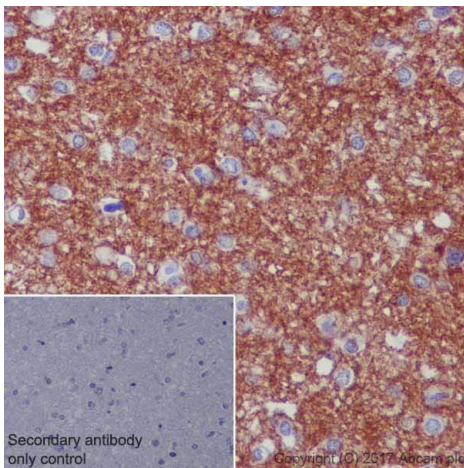
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse cerebrum tissue sections labeling Myelin oligodendrocyte glycoprotein with Purified ab109746 at 1:1000 dilution (1.12 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use) secondary antibody was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control.



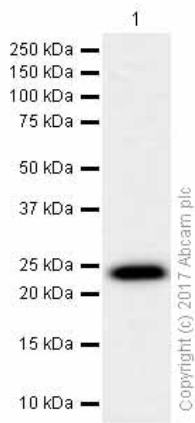
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human cerebrum tissue sections labeling Myelin oligodendrocyte glycoprotein with purified ab109746 at 1:1000 dilution (1.12 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use). PBS instead of the primary antibody was used as the negative control.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human astrocytoma tissue sections labeling Myelin oligodendrocyte glycoprotein with purified ab109746 at 1:1000 dilution (1.12 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use). PBS instead of the primary antibody was used as the negative control.



Western blot - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

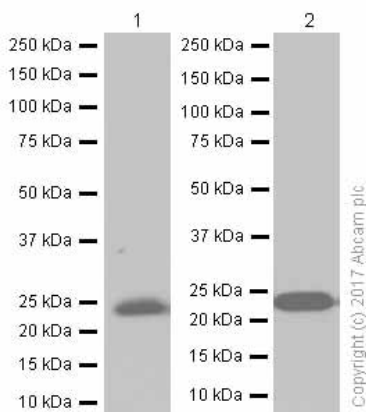
Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746) at 1/2000 dilution (Purified) + Mouse brain lysates at 20 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 28 kDa

Observed band size: 28 kDa



Western blot - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

All lanes : Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746) at 1/2000 dilution

Lane 1 : Human brain lysates

Lane 2 : Rat brain lysates

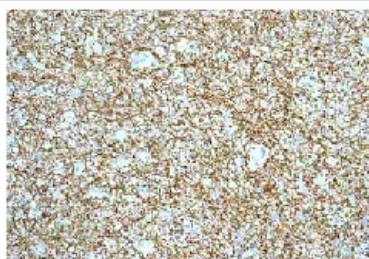
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 28 kDa

Observed band size: 28 kDa



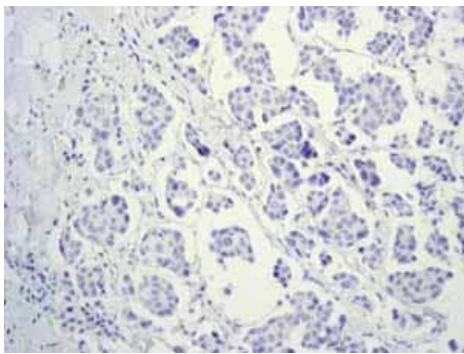
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

ab109746, at 1/1000 dilution, staining Myelin oligodendrocyte glycoprotein in paraffin-embedded Human astrocytoma tissue by Immunohistochemistry. This image was produced using unpurified antibody.



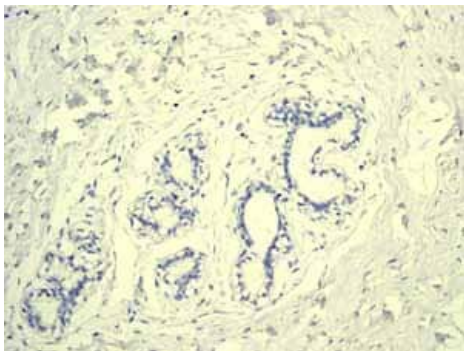
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

ab109746, at 1/1000 dilution, staining Myelin oligodendrocyte glycoprotein in paraffin-embedded Human brain tissue by Immunohistochemistry. This image was produced using unpurified antibody.



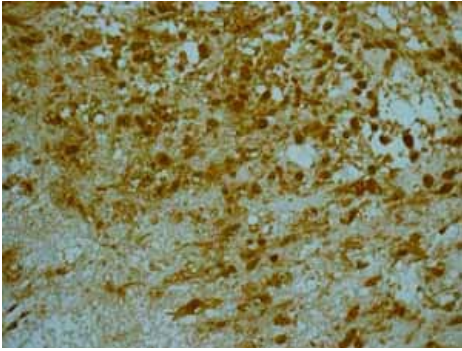
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

ab109746 showing negative staining in Breast carcinoma tissue. This image was produced using unpurified antibody.



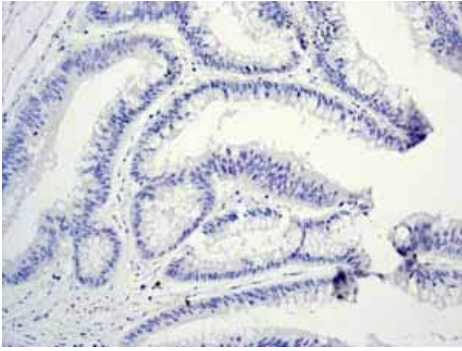
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

ab109746 showing negative staining in Normal breast tissue. This image was produced using unpurified antibody.



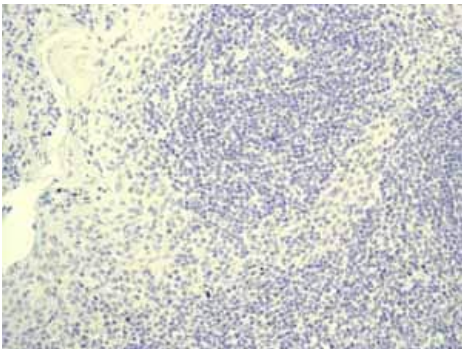
ab109746 showing positive staining in Glioblastoma tissue. This image was produced using unpurified antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)



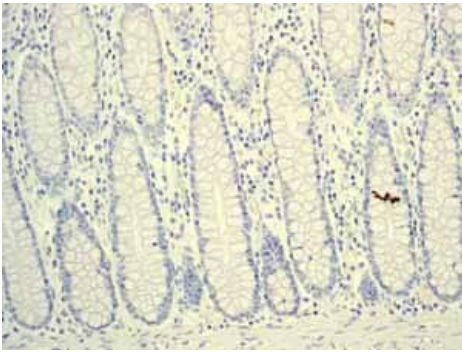
ab109746 showing negative staining in Colonic adenocarcinoma tissue. This image was produced using unpurified antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)



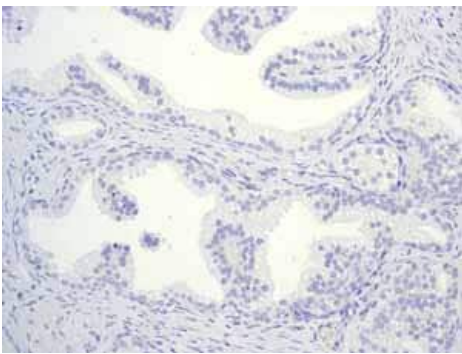
ab109746 showing negative staining in Normal tonsil tissue. This image was produced using unpurified antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)



ab109746 showing negative staining in Normal colon tissue. This image was produced using unpurified antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)



ab109746 showing negative staining in Benign prostatic hyperplasia tissue. This image was produced using unpurified antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin oligodendrocyte glycoprotein antibody [EP4281] (ab109746)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Myelin oligodendrocyte glycoprotein antibody
[EP4281] (ab109746)

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