

Anti-ENO1 + ENO2 + ENO3 antibody [EPR18422] ab189892

重组 RabMAb

5 图像

概述

产品名称	Anti-ENO1 + ENO2 + ENO3抗体[EPR18422]
描述	兔单克隆抗体[EPR18422] to ENO1 + ENO2 + ENO3
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Rat, Human, Recombinant fragment
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Human ENO1 full length recombinant protein, Human ENO2 full length recombinant protein, Human ENO3 full length recombinant protein, Human fetal liver lysate, Human fetal heart lysate, Human fetal kidney lysate, Human fetal spleen lysate, Mouse brain lysate, Mouse heart lysate, Mouse kidney lysate, Mouse spleen lysate, Rat brain lysate, Rat heart lysate, Rat spleen lysate, HeLa, Jurkat MCF7 , A431, C6, Raw264.7 and NIH/3T3 whole cell lysates
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 long term. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆

克隆编号EPR18422

同种型IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab189892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		1/1000. Detects a band of approximately 47 kDa (predicted molecular weight: 47 kDa).

靶标

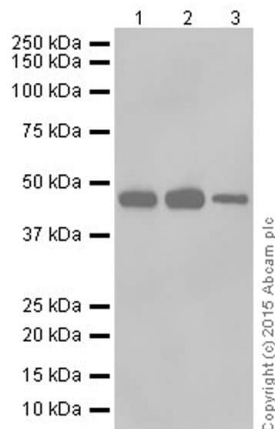
相关性

Enolase 1 is a multifunctional enzyme that, as well as its role in glycolysis, plays a part in various processes such as growth control, hypoxia tolerance and allergic responses. May also function in the intravascular and pericellular fibrinolytic system due to its ability to serve as a receptor and activator of plasminogen on the cell surface of several cell-types such as leukocytes and neurons. Stimulates immunoglobulin production. MBP1 binds to the myc promoter and acts as a transcriptional repressor. May be a tumor suppressor. Enolase 2 has neurotrophic and neuroprotective properties on a broad spectrum of central nervous system (CNS) neurons. Binds, in a calcium-dependent manner, to cultured neocortical neurons and promotes cell survival. Enolase 3 appears to have a function in striated muscle development and regeneration.

细胞定位

ENO1: Cytoplasm. Cell membrane. Cytoplasm, myofibril, sarcomere, M-band. Note: Can translocate to the plasma membrane in either the homodimeric (alpha/alpha) or heterodimeric (alpha/gamma) form. ENO1 is localized to the M-band. ENO2: Cytoplasm. Cell membrane. Note: Can translocate to the plasma membrane in either the homodimeric (alpha/alpha) or heterodimeric (alpha/gamma) form ENO3: Cytoplasm. Note: Localized to the Z line. Some colocalization with CKM at M-band.

图片



Western blot - Anti-ENO1 + ENO2 + ENO3 antibody [EPR18422] (ab189892)

All lanes : Anti-ENO1 + ENO2 + ENO3 antibody [EPR18422] (ab189892) at 1/5000 dilution

Lane 1 : Human ENO1 full length recombinant protein

Lane 2 : Human ENO2 full length recombinant protein

Lane 3 : Human ENO3 full length recombinant protein

Lysates/proteins at 0.02 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Developed using the ECL technique.

Predicted band size: 47 kDa

Observed band size: 47 kDa

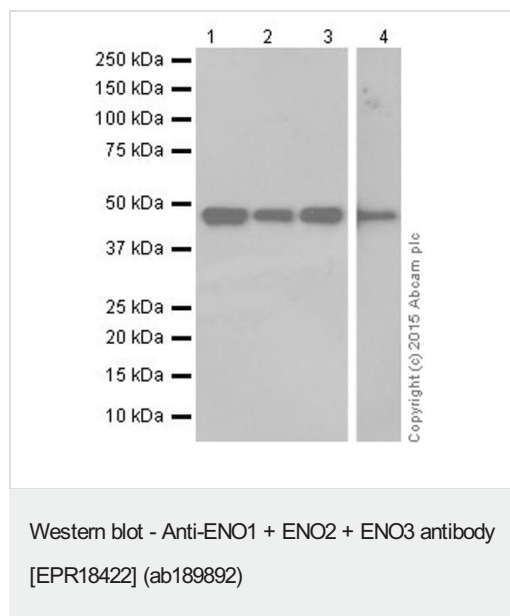
Exposure time: 5 seconds

Blocking and diluting buffer 5% NFDM /TBST.

Human ENO1 full length recombinant protein (Cat#:[ab89248](#)) containing aa1-434.

Human ENO2 full length recombinant protein containing aa1-434 with a His-Tag®.

Human ENO3 full length recombinant protein (Cat#:[ab113127](#)) containing aa1-434 with a His-Tag®. Human ENO2 full length recombinant protein was made in-house.



All lanes : Anti-ENO1 + ENO2 + ENO3 antibody [EPR18422] (ab189892) at 1/5000 dilution

Lane 1 : Human fetal liver tissue lysate

Lane 2 : Human fetal heart tissue lysate

Lane 3 : Human fetal kidney tissue lysate

Lane 4 : Human fetal spleen tissue lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG Peroxidase Conjugate, specific to the non-reduced form of IgG at 1/10000 dilution

Developed using the ECL technique.

Predicted band size: 47 kDa

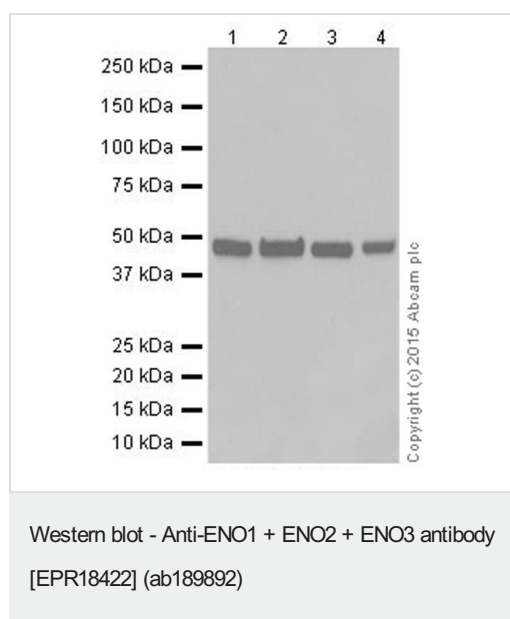
Observed band size: 47 kDa

Exposure time: 5 seconds

Blocking and diluting buffer 5% NFDM /TBST.

Exposure time - Lane 1,2 and 3:5 seconds;

Lane 4: 30 seconds



All lanes : Anti-ENO1 + ENO2 + ENO3 antibody [EPR18422] (ab189892) at 1/5000 dilution

Lane 1 : HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Lane 2 : Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate

Lane 3 : MCF7 (Human breast adenocarcinoma cell line) whole cell lysate

Lane 4 : A431 (Human epidermoid carcinoma cell line) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

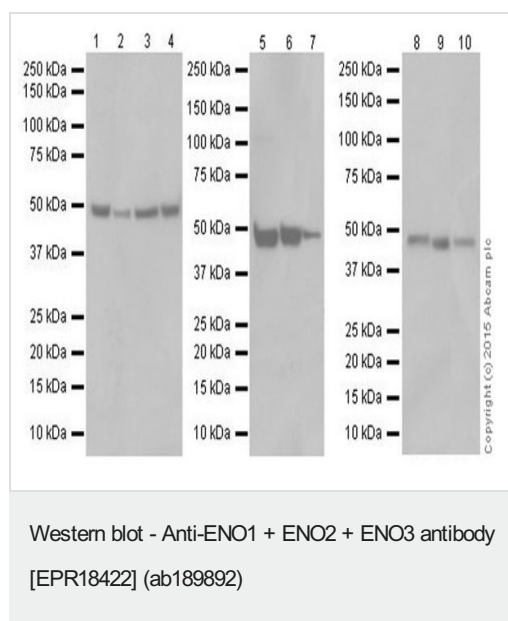
Developed using the ECL technique.

Predicted band size: 47 kDa

Observed band size: 47 kDa

Exposure time: 3 seconds

Blocking and diluting buffer was 5% NFDM /TBST.



Lanes 1-7 : Anti-ENO1 + ENO2 + ENO3 antibody [EPR18422] (ab189892) at 1/5000 dilution

Lanes 8-10 : Anti-ENO1 + ENO2 + ENO3 antibody [EPR18422] (ab189892) at 1/1000 dilution

Lane 1 : Mouse brain lysate

Lane 2 : Mouse heart lysate

Lane 3 : Mouse kidney lysate

Lane 4 : Mouse spleen lysate

Lane 5 : Rat brain lysate

Lane 6 : Rat heart lysate

Lane 7 : Rat spleen lysate

Lane 8 : C6 (Rat glial tumor cell line) whole cell lysate

Lane 9 : Raw264.7 (Mouse macrophage cell line transformed with Abelson murine leukemia virus) whole cell lysate

Lane 10 : NIH/3T3 (Mouse embryonic fibroblast cell line) whole cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Developed using the ECL technique.

Predicted band size: 47 kDa

Observed band size: 47 kDa

Exposure time: 1 second

Blocking and diluting buffer was 5% NFDM /TBST.

Exposure time - Lane 1-4 and 8-10: 1 second;

Lane 5-7: 3 seconds;

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-ENO1 + ENO2 + ENO3 antibody [EPR18422]
(ab189892)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors