


Anti-PGP9 antibody ab86222

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概述

产品名称	Anti-PGP9抗体
描述	兔多克隆抗体to PGP9
宿主	Rabbit
经测试应用	适用于: WB, IP, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Rabbit, Horse, Guinea pig, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Chinese hamster, Orangutan 
免疫原	Synthetic peptide corresponding to Human PGP9. Database link: Q9NP78
阳性对照	HeLa, 293T and mouse NIH3T3 whole cell lysates
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab86222 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		1/2000 - 1/10000. Predicted molecular weight: 84 kDa.
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/50 - 1/200. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

靶标

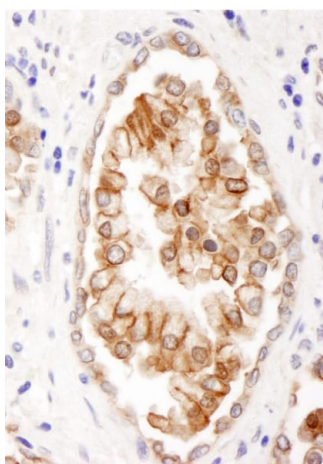
相关性

The membrane associated protein encoded by this gene is a member of the superfamily of ATP binding cassette (ABC) transporters. ABC proteins transport various molecules across extra and intra cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance as well as antigen presentation. The function of this half transporter has not yet been determined; however, this protein may play a role in lysosomes. Alternative splicing of this gene results in three known products which are likely to have different substrate specifications.

细胞定位

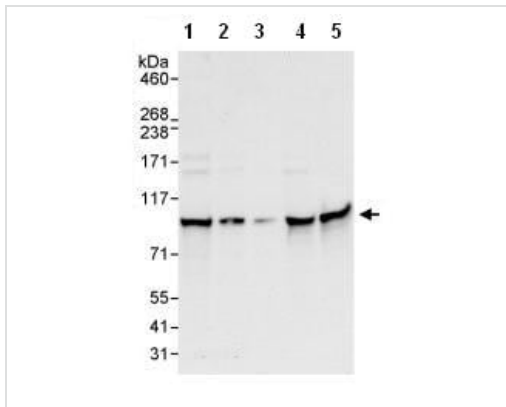
Integral membrane protein. Lysosomal. May be localized in the endoplasmic reticulum.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human prostate carcinoma tissue labelling PGP9 with ab86222 at 1/200 (1µg/ml). Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PGP9 antibody (ab86222)



Western blot - Anti-PGP9 antibody (ab86222)

All lanes : Anti-PGP9 antibody (ab86222) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : 293T whole cell lysate at 50 µg

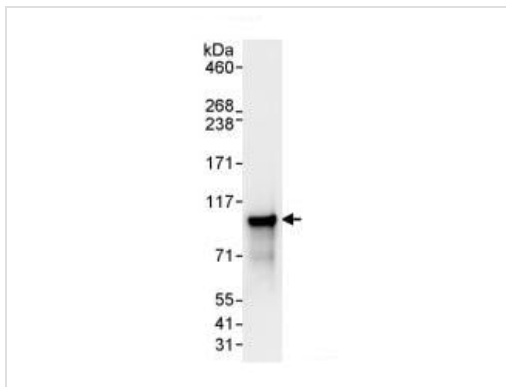
Lane 5 : mouse NIH3T3 whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 84 kDa

Observed band size: 84 kDa

Exposure time: 10 seconds



Immunoprecipitation - Anti-PGP9 antibody (ab86222)

Detection of human PGP9 in Immunoprecipitates of whole cell lysate from HeLa cells (1 mg for IP, 20% of IP loaded) using ab86222 at 3 µg/mg lysate for IP, and at 1 µg/ml for subsequent Western blot.

Detection: Chemiluminescence with an exposure time of 3 seconds.

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