

Product datasheet

Anti-BMPR1A antibody ab77022

2 图像

概述

产品名称	Anti-BMPR1A抗体
描述	小鼠单克隆抗体to BMPR1A
宿主	Mouse
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Human
免疫原	Recombinant full length protein, corresponding to amino acids 1-533 of Human BMPR1A (AAH28383) with a 26 kDa tag.
阳性对照	Recombinant full length BMPR1A protein (the immunogen); BMPR1A transfected 293T cell lysate

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: 1X PBS, pH 7.2
纯度	Protein A purified
克隆	单克隆
同种型	IgG2a
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab77022** in the following tested applications.

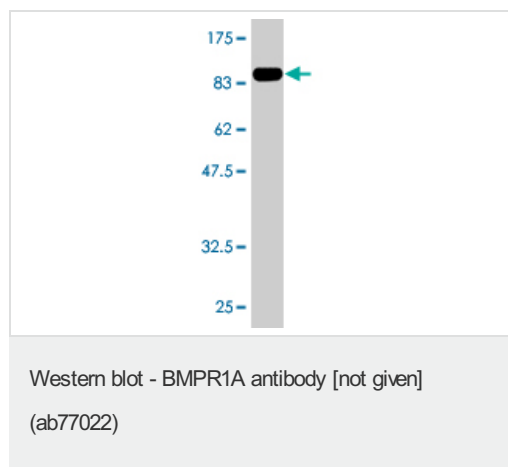
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 60 kDa.
ELISA		Use at an assay dependent dilution.

靶标

功能	On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Receptor for BMP2, BMP4, GDF5 and GDF6. Positively regulates chondrocyte differentiation through GDF5 interaction. Mediates induction of adipogenesis by GDF6.
组织特异性	Highly expressed in skeletal muscle.
疾病相关	Juvenile polyposis syndrome Polyposis syndrome, mixed hereditary 2 A microdeletion of chromosome 10q23 involving BMPR1A and PTEN is a cause of chromosome 10q23 deletion syndrome, which shows overlapping features of the following three disorders: Bannayan-Zonana syndrome, Cowden disease and juvenile polyposis syndrome.
序列相似性	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. TGFB receptor subfamily. Contains 1 GS domain. Contains 1 protein kinase domain.
细胞定位	Membrane.

图片



Anti-BMPR1A antibody (ab77022) at 5 µg/ml
+ recombinant full length BMPR1A protein (the immunogen) at 0.2 µg

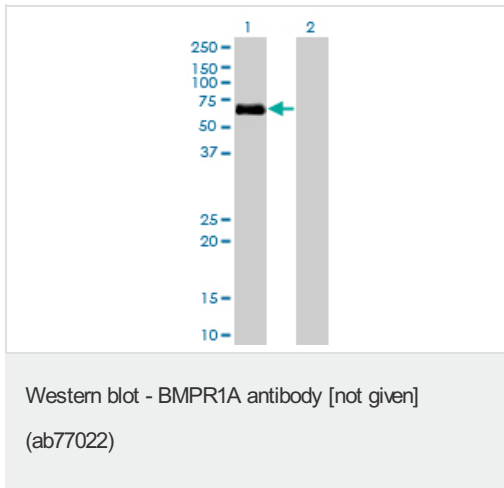
Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/5000 dilution

Predicted band size: 60 kDa

Observed band size: 86 kDa

Note: Molecular weight of the tag alone is 26 kDa.



All lanes : Anti-BMPR1A antibody (ab77022)

at 5 µg/ml

Lane 1 : BMPR1A transfected 293T cell lysate

Lane 2 : Non transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP

Conjugate at 1/2500 dilution

Predicted band size: 60 kDa

Observed band size: 60 kDa

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