

Product datasheet

Anti-BMPER antibody ab75183

1 References 2 图像

概述

产品名称	Anti-BMPER抗体
描述	兔多克隆抗体to BMPER
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Pig
免疫原	Synthetic peptide corresponding to Human BMPER aa 501-550 (C terminal). Sequence: NGHKRDDLIGGDGNFKFDVDDFAESWRVESNEFCNRPQRK PVPELCQGTV Run BLAST with Run BLAST with
阳性对照	Fetal heart lysate.

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	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab75183** in the following tested applications.

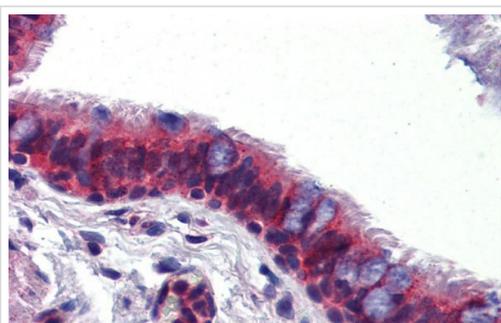
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 76 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
IHC-P		Use a concentration of 5 µg/ml.

靶标

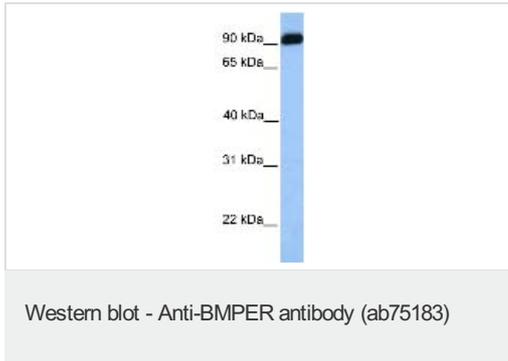
功能	Inhibitor of bone morphogenetic protein (BMP) function, it may regulate BMP responsiveness of osteoblasts and chondrocytes.
组织特异性	Highly expressed in lung, and brain and also in primary chondrocytes.
疾病相关	Defects in BMPER are the cause of diaphanospondylodysostosis (DSD) [MIM:608022]. A rare, recessively inherited, perinatal lethal skeletal disorder. The primary skeletal characteristics of the phenotype include a small chest, abnormal vertebral segmentation, and posterior rib gaps containing incompletely differentiated mesenchymal tissue. Consistent craniofacial features include ocular hypertelorism, epicanthal folds, a depressed nasal bridge with a short nose, and low-set ears. The most commonly described extraskletal finding is nephroblastomatosis with cystic kidneys, but other visceral findings have been described in some cases.
序列相似性	Contains 1 TIL (trypsin inhibitory-like) domain. Contains 5 VWFC domains. Contains 1 VWFD domain.
细胞定位	Secreted.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human lung tissue labelling BMPER with ab75183 at 5µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BMPER antibody (ab75183)



Anti-BMPER antibody (ab75183) at 1 µg/ml (in 5% skim milk / PBS buffer) + Fetal heart lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 76 kDa

Observed band size: >90 kDa

[why is the actual band size different from the predicted?](#)

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