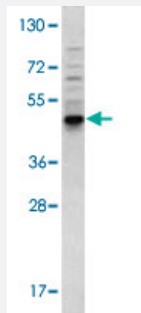


BMP3 polyclonal antibody

Catalog # PAB3672

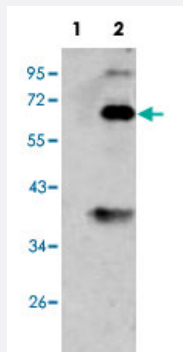
Size 400 uL

Applications



Western Blot (Cell lysate)

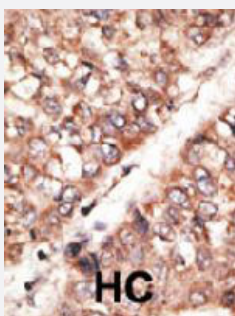
Western blot analysis of 293 cell lysate (35 ug/lane) with BMP3 polyclonal antibody (Cat # PAB3672).



Western Blot (Transfected lysate)

Western blot analysis of BMP3 (arrow) using BMP3 polyclonal antibody (Cat # PAB3672).

293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the BMP3 gene (Lane 2).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with BMP3 polyclonal antibody (Cat # PAB3672), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. HC = hepatocarcinoma.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic peptide of BMP3.

Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human BMP3.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of 293 cell lysate (35 ug/lane) with BMP3 polyclonal antibody (Cat # PAB3672).

- Western Blot (Transfected lysate)

Western blot analysis of BMP3 (arrow) using BMP3 polyclonal antibody (Cat # PAB3672).
293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the BMP3 gene (Lane 2).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — BMP3

Entrez GeneID	651
Protein Accession#	P12645
Gene Name	BMP3
Gene Alias	BMP-3A

Gene Description	bone morphogenetic protein 3
Omim ID	112263
Gene Ontology	Hyperlink
Gene Summary	BMP3 belongs to the transforming growth factor-beta (TGFB) superfamily. Bone morphogenic protein, also known as osteogenin, induces bone formation. [provided by RefSeq]
Other Designations	bone morphogenetic protein 3 (osteogenic) bone morphogenetic protein-3 osteogenin

Publication Reference

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- [Bone morphogenetic protein: chromosomal localization of human genes for BMP1, BMP2A, and BMP3.](#)
Tabas JA, Zasloff M, Wasmuth JJ, Emanuel BS, Altherr MR, McPherson JD, Wozney JM, Kaplan FS.
Genomics 1991 Feb; 9(2):283.
- [Chromosomal localization of seven members of the murine TGF-beta superfamily suggests close linkage to several morphogenetic mutant loci.](#)
M E Dickinson, M S Kobrin, C M Silan, D M Kingsley, M J Justice, D A Miller, J D Ceci, L F Lock, A Lee, A M Buchberg, et al.
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