

Rabbit BMP4 Polyclonal Antibody | anti-BMP4 antibody

BMP4 Antibody

CATALOG # AAA309351	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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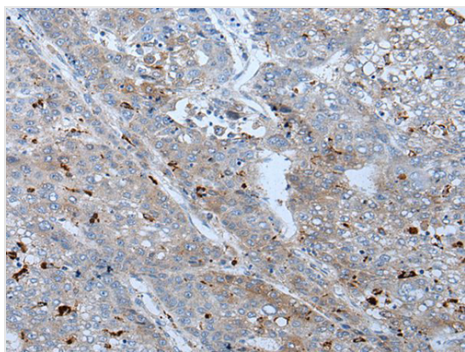
PRODUCT SYNONYMS

BMP4; Polyclonal Antibody; BMP4 Antibody; ZYME; BMP2B; OFC11; BMP2B1; MCOPS6; anti-BMP4 antibody

PRODUCT SPECIFICATIONS

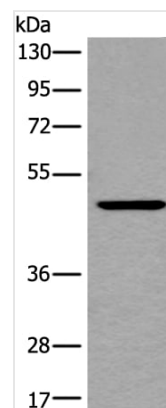
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total BMP4 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.5mg/ml (varies by lot)
Sequence Length	408
Applicable Applications for anti-BMP4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human BMP4
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using BMP4 Antibody at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



SDS-PAGE

Gel: 8%SDS-PAGE Lysate: 40 ug, Lane: Hela cell lysate, Primary antibody:BMP4 antibody at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-BMP4 antibody	This gene encodes a member of the bone morphogenetic protein (BMP) family of proteins, which is part of the transforming growth factor-beta (TGF-beta) superfamily. Members of the BMP family play an important role in bone and cartilage development. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. Mutations in this gene are associated with orofacial cleft and microphthalmia in human patients. The encoded protein may also be involved in the pathology of multiple cardiovascular diseases and human cancers. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-BMP4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	157276593
NCBI GeneID	652
NCBI Accession #	NP_001193.2
NCBI GenBank Nucleotide #	NM_001202.5
UniProt Accession #	P12644; Q9UM80
Molecular Weight	47kd
NCBI Official Full Name	bone morphogenetic protein 4 isoform a preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 4
NCBI Official Symbol	BMP4
NCBI Official Synonym Symbols	ZYME; BMP2B; OFC11; BMP2B1; MCOPS6
NCBI Protein Information	bone morphogenetic protein 4
UniProt Protein Name	Bone morphogenetic protein 4
UniProt Gene Name	BMP4
UniProt Synonym Gene Names	BMP2B; DVR4; BMP-4; BMP-2B
UniProt Entry Name	BMP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/bmp4-antibody-western-blot-immunohistochemistry-elisa/309351>