Rabbit anti-Human, Mouse BMP-8 Polyclonal Antibody | anti-BMP-8 antibody

BMP-8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327498	**Rabbit**	**Human, Mouse**	**ELISA, Immunohistochemistry, Western Blot**

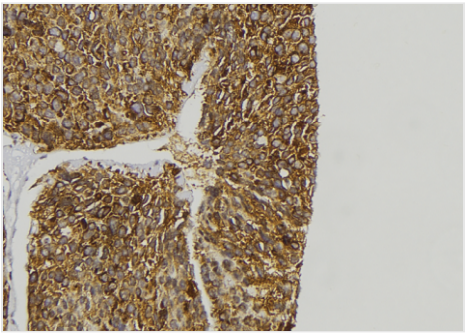
PRODUCT SYNONYMS

BMP-8; Polyclonal Antibody; BMP-8 Antibody; BMP-8B; BMP8; Bmp8b; BMP8B_HUMAN; bone morphogenetic protein 8 (osteogenic protein 2); Bone morphogenetic protein 8; Bone morphogenetic protein 8B; dJ118J21.1 (bone morphogenetic protein 8 (osteogenic protein 2)); OP-2; OP2; Osteogenic protein 2; BMP-8A; Bmp8a; BMP8A_HUMAN; Bone morphogenetic protein 8A; FLJ14351; FLJ45264; OP 2; anti-BMP-8 antibody

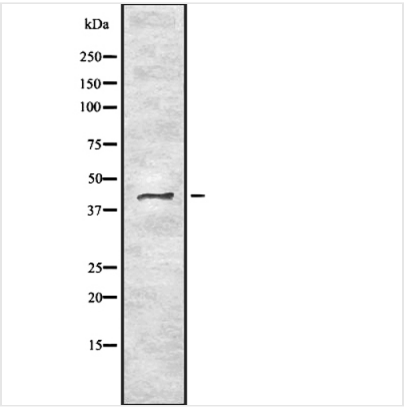
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	BMP-8 antibody detects endogenous levels of total BMP-8
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	402
Applicable Applications for anti-BMP-8 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human BMP-8
Subcellular Location	Secreted.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA327498 at 1/100 staining Human pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of BMP-8 using COS7 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-BMP-8 antibody	Function: Induces cartilage and bone formation. May be the osteoinductive factor responsible for the phenomenon of epithelial osteogenesis. Plays a role in calcium regulation and bone homeostasis (By similarity). Subunit Structure: Homodimer; disulfide-linked. Similarity: Belongs to the TGF-beta family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29571106
NCBI GeneID	656
NCBI Accession #	NP_001711.2
NCBI GenBank Nucleotide #	NM_001720.4
UniProt Accession #	P34820; Q32NE5; Q53ZM7; Q9NUF0; E7EMY8
Molecular Weight	Observed: 44 kDa Predicted: 45 kDa
NCBI Official Full Name	bone morphogenetic protein 8B preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 8b
NCBI Official Symbol	BMP8B
NCBI Official Synonym Symbols	OP2; BMP8
NCBI Protein Information	bone morphogenetic protein 8B
UniProt Protein Name	Bone morphogenetic protein 8B
UniProt Gene Name	**BMP8B**
UniProt Synonym Gene Names	BMP8; BMP-8; BMP-8B; OP-2

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://stage.aaabiotech.com/polyclonal/bmp-8-antibody-immunohistochemistry-western-blot-elisa/327498