

Rabbit anti-Human BMP8B Polyclonal Antibody | anti-BMP8B antibody

BMP8B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324524	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

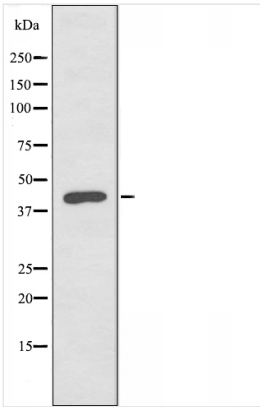
PRODUCT SYNONYMS

BMP8B; Polyclonal Antibody; BMP8B Antibody; BMP-8; 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; anti-BMP8B antibody

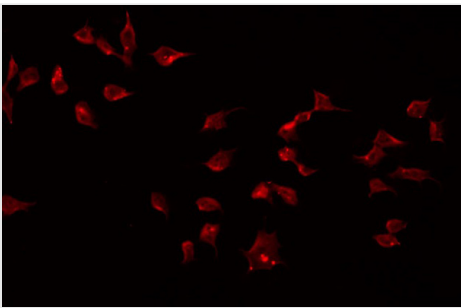
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	BMP8B antibody detects endogenous levels of total BMP8B
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-BMP8B antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted.
Predicted Cross Reactivity	Pig
Similarity	Pig (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from 293 cells using BMP8B antibody.



IF (Immunofluorescence)
AAA324524 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BMP8B 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.
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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: 45 kD 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.