Rabbit BMP7 Polyclonal Antibody | anti-BMP7 antibody

BMP7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306321	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

BMP7; Polyclonal Antibody; BMP7 Antibody; OP-1; anti-BMP7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous level of total BMP7 protein.
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	431
Applicable Applications for anti-BMP7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Description	Recombinant fusion protein of human BMP7 (NP_001710.1)
Target Name	BMP7
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES

WB (Western Blot)
Western blot analysis of Prostate cell and Kidney cell lysate using BMP7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BMP7 antibody	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer, which plays a role in bone, kidney and brown adipose tissue development. Additionally, this protein induces ectopic bone formation and may promote fracture healing in human patients.
Product Categories/Family for anti-BMP7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502427
NCBI GeneID	655
NCBI Accession #	NP_001710.1
NCBI GenBank Nucleotide #	NM_001719.2
UniProt Accession #	P18075; Q9H512; Q9NTQ7
Molecular Weight	SDS-PAGE MW: 49KDa
NCBI Official Full Name	bone morphogenetic protein 7
NCBI Official Synonym Full Names	bone morphogenetic protein 7
NCBI Official Symbol	BMP7
NCBI Official Synonym Symbols	OP-1
NCBI Protein Information	bone morphogenetic protein 7
UniProt Protein Name	Bone morphogenetic protein 7
UniProt Gene Name	**BMP7**
UniProt Synonym Gene Names	OP1; BMP-7; OP-1
UniProt Entry Name	BMP7_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://stage.aaabiotech.com/polyclonal/bmp7-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306321