

Rabbit Bone Morphogenetic Protein 7 Polyclonal Antibody | anti-BMP7 antibody

Polyclonal Antibody to Bone Morphogenetic Protein 7 (BMP7)

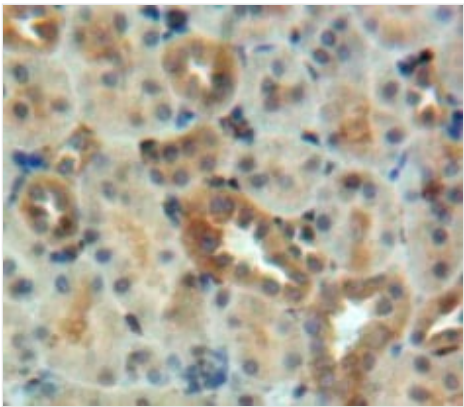
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142240	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

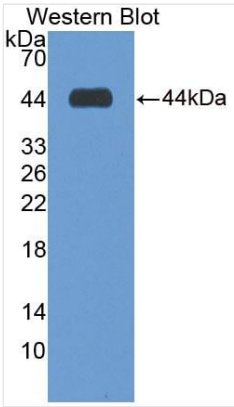
Bone Morphogenetic Protein 7; Polyclonal Antibody; Polyclonal Antibody to Bone Morphogenetic Protein 7 (BMP7); anti-BMP7 antibody

PRODUCT SPECIFICATIONS

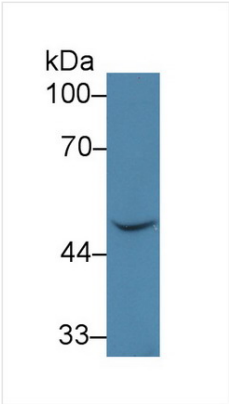
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against BMP7. It has been selected for its ability to recognize BMP7 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGS- DFLDNEVHS SFIHRRRLRSQ ERREMQREIL SILGLPHRPR PHLQGHNSA PMFMDLYNA MAVEEGGPG GQGFSYPYKA VFSTQGPPLA SLQDSHFLTD ADMVMSFVNL VEHDKEFFHP RYHHREFRFD LSKIPGEAV TAAEFRIYKD YIRERFDNET FRISVYQVLQ EHLGRESDLF LLSRTLWAS EEGWLVFDIT ATSNHWVNP RHNGLQLSV ETLDGQSINP KLAGLIGRHG PQNKQPFMVA FFKATEVHFR SIRSTGSKQR SQNRSKTPKN QEALRMANVA ENSSSDQRQA CKKHELYVSF RDLGWQDWII APEGYAAYYC EGECAFLNS YMNATNHAIV QTLVHFINPE TVPKPCCAPT QLNAISVLVYF D
Applicable Applications for anti-BMP7 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	BMP7 (Asp30~His431)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Rat
Conjugate	No Conjugate
Immunogen	Recombinant BMP7 (Asp30~His431) expressed in E. Coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin-embedded Kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Rat Heart lysate; Primary Ab: 3ug/ml Rabbit Anti-Human BMP7
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

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	49,313 Da
NCBI Official Full Name	bone morphogenetic protein 7 preproprotein
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

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/bone-morphogenetic-protein-7-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/142240>