

Rabbit anti-Human, Pig Bone Morphogenetic Protein 3 Polyclonal Antibody | anti-BMP3 antibody

Bone Morphogenetic Protein 3 (BMP3) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145009	Rabbit	Human, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Bone Morphogenetic Protein 3; Polyclonal Antibody; Bone Morphogenetic Protein 3 (BMP3) Polyclonal Antibody; BMP3A; BMP-3A; Osteogenic; anti-BMP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against BMP3. It has been selected for its ability to recognize BMP3 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	472
Applicable Applications for anti-BMP3 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	BMP3 (Arg373~Arg472)
Quality Control	Content: The quality control contains recombinant BMP3 (Arg373~Arg472) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
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.

IMAGES



IHC (Immunohiostchemistry)
DABstainingonIHC-P.Samples:HumanTissue



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

NCBI AND UNIPROT INFORMATION

NCBI GI #	1047225540
NCBI GeneID	651
NCBI Accession #	NP_001192.3
NCBI GenBank Nucleotide #	NM_001201.3
UniProt Accession #	P12645; Q4VAS5
Molecular Weight	53,372 Da
NCBI Official Full Name	bone morphogenetic protein 3 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 3
NCBI Official Symbol	BMP3
NCBI Official Synonym Symbols	BMP-3A
NCBI Protein Information	bone morphogenetic protein 3
UniProt Protein Name	Bone morphogenetic protein 3
UniProt Gene Name	BMP3
UniProt Synonym Gene Names	BMP3A; BMP-3; BMP-3A

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.