

Rabbit anti-Human BMP1 Polyclonal Antibody | anti-BMP1 antibody

BMP1 Antibody

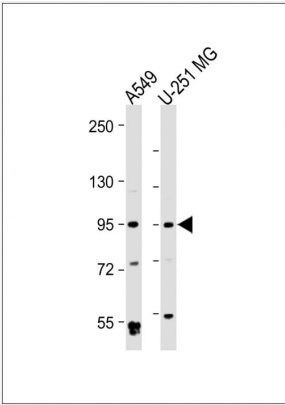
CATALOG # AAA290854	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

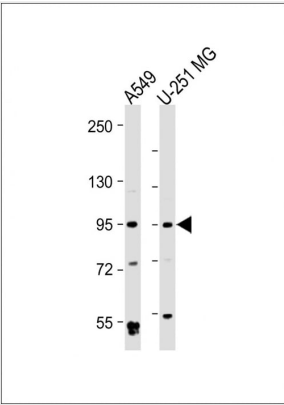
BMP1; Polyclonal Antibody; BMP1 Antibody; Bone morphogenetic protein 1; BMP-1; 3.4.24.19; Mammalian tolloid protein; mTld; Procollagen C-proteinase; PCP; PCOLC; anti-BMP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Ig
Specificity	This BMP1 antibody is generated from a rabbit immunized with a recombinant protein of human BMP1.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	730
Applicable Applications for anti-BMP1 antibody	ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	Human
Cellular Location	Golgi apparatus, trans-Golgi network. Secreted, extracellular space, extracellular matrix. Note=Co-localizes with POSTN in the Golgi.
Tissue Location	Ubiquitous.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
All lanes : Anti-BMP1 Antibody at 1:2000 dilutionLane 1: A549 whole cell lysateLane 2: U-251 MG whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 111 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
All lanes : Anti-BMP1 Antibody at 1:2000 dilutionLane 1: A549 whole cell lysateLane 2: U-251 MG whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 111 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-BMP1 antibody	Cleaves the C-terminal propeptides of procollagen I, II and III. Induces cartilage and bone formation. May participate in dorsoventral patterning during early development by cleaving chordin (CHRD). Responsible for the proteolytic activation of lysyl oxidase LOX.
Product Categories/Family for anti-BMP1 antibody	Primary Antibodies; Cancer; Cell Biology; Metabolism; Signal Transduction
References	Li S.W.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:5127-5130 (1996). Wozney J.M.,et al.Science 242:1528-1534 (1988). Janitz M.,et al.J. Mol. Med. 76:141-146 (1998). Takahara K.,et al.J. Biol. Chem. 269:32572-32578 (1994). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502421
NCBI GeneID	649
NCBI Accession #	NP_001190.1
NCBI GenBank Nucleotide #	NM_001199.3
UniProt Accession #	P13497; Q13292; Q13872; Q14874; Q99421; Q99422; Q99423; Q9UL38; A8K6F5; B2RN46; D3DSR0
Molecular Weight	111249 Da
NCBI Official Full Name	bone morphogenetic protein 1 isoform 1
NCBI Official Synonym Full Names	bone morphogenetic protein 1
NCBI Official Symbol	BMP1
NCBI Official Synonym Symbols	PCP; TLD; OI13; PCP2; PCOLC
NCBI Protein Information	bone morphogenetic protein 1
UniProt Protein Name	Bone morphogenetic protein 1
UniProt Gene Name	BMP1
UniProt Synonym Gene Names	PCOLC; BMP-1; mTld; PCP

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/bmp1-antibody-western-blot-elisa/290854>