

Rabbit anti-Human Bmp6 Polyclonal Antibody | anti-BMP6 antibody

Bmp6 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288117	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

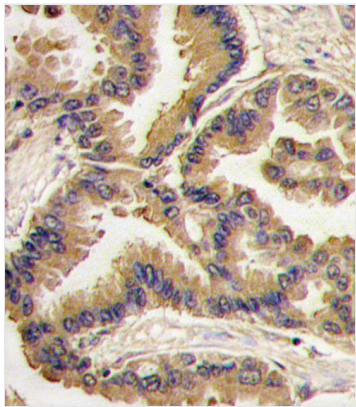
PRODUCT SYNONYMS

Bmp6; Polyclonal Antibody; Bmp6 Antibody (N-term); Bone morphogenetic protein 6; BMP-6; VG-1-related protein; VG-1-R; VGR-1; BMP6; VGR; anti-BMP6 antibody

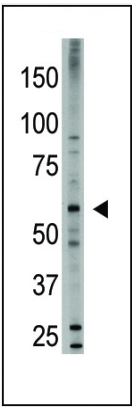
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Bmp6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 25-55 amino acids from the N-terminal region of human Bmp6.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.45 (varies by lot)
Sequence Positions	25-55
Sequence Length	513
Applicable Applications for anti-BMP6 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with Bmp6 antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
The anti-Bmp6 (N-term) Pab is used in Western blot to detect Bmp6 in HL60 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-BMP6 antibody	The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, Bmp6 has a proposed role in early development. In addition, the fact that BMP6 is closely related to BMP5 and BMP7 has lead to speculation of possible bone inductive activity.
Product Categories/Family for anti-BMP6 antibody	Cell Biology; Developmental Biology; Signal Transduction
References	Lories, R.J., et al., Arthritis Rheum. 48(10):2807-2818 (2003). Bobacz, K., et al., Arthritis Rheum. 48(9):2501-2508 (2003). Tamada, H., et al., Biochim. Biophys. Acta 1395(3):247-251 (1998). Rickard, D.J., et al., J. Clin. Invest. 101(2):413-422 (1998). Olavesen, M.G., et al., Genomics 46(2):303-306 (1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502425
NCBI GeneID	654
NCBI Accession #	NP_001709.1
NCBI GenBank Nucleotide #	NM_001718.4
UniProt Accession #	P22004; Q5TCP3
Molecular Weight	57226
NCBI Official Full Name	bone morphogenetic protein 6 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 6
NCBI Official Symbol	BMP6
NCBI Official Synonym Symbols	VGR; VGR1
NCBI Protein Information	bone morphogenetic protein 6
UniProt Protein Name	Bone morphogenetic protein 6
UniProt Gene Name	BMP6

UniProt Synonym Gene Names	VGR; BMP-6; VG-1-R; VGR-1
UniProt Entry Name	BMP6_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://www.aaabiotech.com/polyclonal/bmp6-antibody-immunohistochemistry-western-blot-elisa/288117>