

Rabbit anti-Human BMP4 Polyclonal Antibody | anti-BMP4 antibody

BMP4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290601	Rabbit	Human	Western Blot

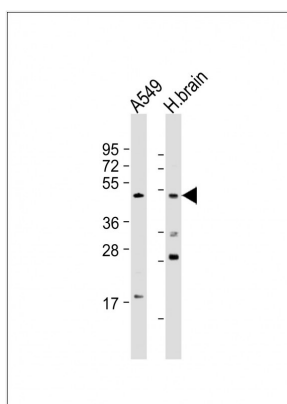
PRODUCT SYNONYMS

BMP4; Polyclonal Antibody; BMP4 Antibody; Purified Rabbit Polyclonal Antibody (Pab); Bone morphogenetic protein 4; BMP-4; Bone morphogenetic protein 2B; BMP-2B; BMP2B; DVR4; anti-BMP4 antibody

PRODUCT SPECIFICATIONS

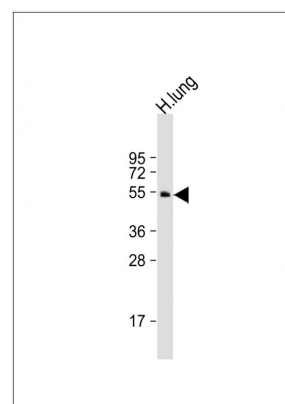
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Ig
Specificity	This BMP4 antibody is generated from a rabbit immunized with a recombinant protein of human BMP4.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	408
Applicable Applications for anti-BMP4 antibody	WB (Western Blot)
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



WB (Western Blot)

All lanes : Anti-BMP4 Antibody at 1:1000-1:2000 dilution
Lane 1: A549 whole cell lysate
Lane 2: human brain lysate
Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)

Anti-BMP4 Antibody at 1:2000 dilution + human lung lysate
Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-BMP4 antibody	Induces cartilage and bone formation. Also act in mesoderm induction, tooth development, limb formation and fracture repair. Acts in concert with PTHLH/PTHRP to stimulate ductal outgrowth during embryonic mammary development and to inhibit hair follicle induction (By similarity).
Product Categories/Family for anti-BMP4 antibody	Cancer; Cardiovascular; Cell Biology; Developmental Biology; Signal Transduction; Stem Cells
References	Wozney J.M.,et al.Science 242:1528-1534(1988). Shore E.M.,et al.Calcif. Tissue Int. 63:221-229(1998). Oida S.,et al.DNA Seq. 5:273-275(1995). Yanagita M.,et al.Biochem. Biophys. Res. Commun. 316:490-500(2004). Felder B.,et al.Eur. J. Hum. Genet. 10:753-756(2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	157276593
NCBI GeneID	652
NCBI Accession #	NP_001193.2
NCBI GenBank Nucleotide #	NM_001202.4
UniProt Accession #	P12644; Q9UM80
Molecular Weight	46555
NCBI Official Full Name	bone morphogenetic protein 4 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 4
NCBI Official Symbol	BMP4
NCBI Official Synonym Symbols	ZYME; BMP2B; OFC11; BMP2B1; MCOPS6
NCBI Protein Information	bone morphogenetic protein 4
UniProt Protein Name	Bone morphogenetic protein 4
UniProt Gene Name	BMP4
UniProt Synonym Gene Names	BMP2B; DVR4; BMP-4; BMP-2B
UniProt Entry Name	BMP4_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/bmp4-antibody-western-blot-elisa/290601>