

Rabbit BMP5 Polyclonal Antibody | anti-BMP5 antibody

BMP5 Polyclonal Antibody

CATALOG # AAA28209	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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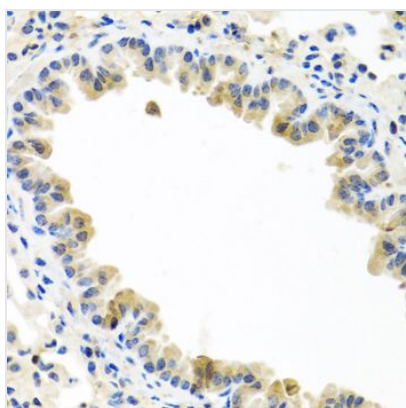
PRODUCT SYNONYMS

BMP5; Polyclonal Antibody; BMP5 Polyclonal Antibody; anti-BMP5 antibody

PRODUCT SPECIFICATIONS

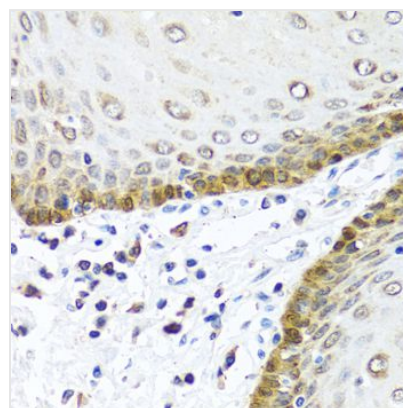
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	417
Applicable Applications for anti-BMP5 antibody	WB (Western Blot)
Application Notes	WB 1:500 - 1:2000
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human BMP5
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



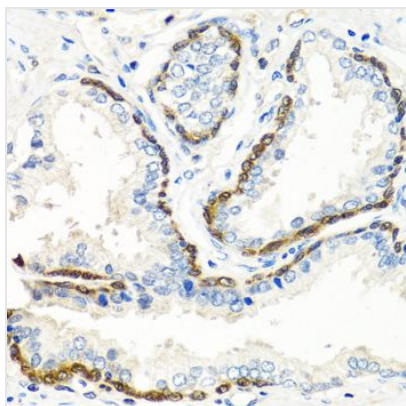
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using BMP5 antibody at dilution of 1:100 (40x lens).

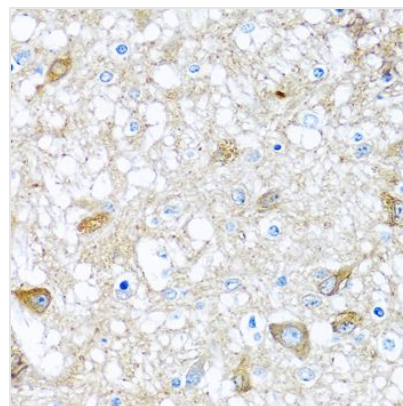


IHC (Immunohistochemistry)

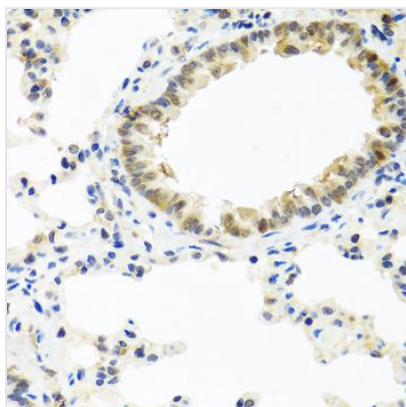
Immunohistochemistry of paraffin-embedded human esophagus using BMP5 antibody at dilution of 1:100 (40x lens).



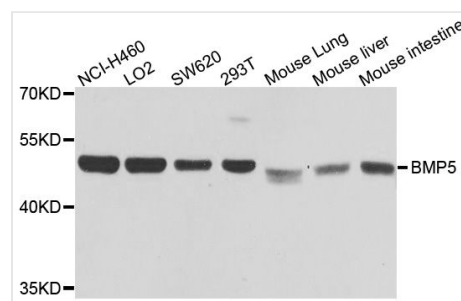
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human prostate using BMP5 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat brain using BMP5 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat lung using BMP5 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using BMP5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-BMP5 antibody

This gene encodes a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The superfamily includes large families of growth and differentiation factors. Bone morphogenetic proteins were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. These proteins are synthesized as prepropeptides, cleaved, and then processed into dimeric proteins. This protein may act as an important signaling molecule within the trabecular meshwork and optic nerve head, and may play a potential role in glaucoma pathogenesis. This gene is differentially regulated during the formation of various tumors.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835091
NCBI GeneID	653
NCBI Accession #	NP_066551.1
NCBI GenBank Nucleotide #	NM_021073.2
UniProt Accession #	P22003; Q9H547; Q9NTM5; B4E0Y4
Molecular Weight	52kDa
NCBI Official Full Name	bone morphogenetic protein 5 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 5
NCBI Official Symbol	BMP5

NCBI Protein Information	bone morphogenetic protein 5
UniProt Protein Name	Bone morphogenetic protein 5
UniProt Gene Name	BMP5
UniProt Synonym Gene Names	BMP-5
UniProt Entry Name	BMP5_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/bmp5-antibody-western-blot-elisa/28209>