

Rabbit anti-Human Bone morphogenetic protein 2 Polyclonal Antibody | anti-BMP2 antibody

Rabbit anti-human Bone morphogenetic protein 2 polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230199	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

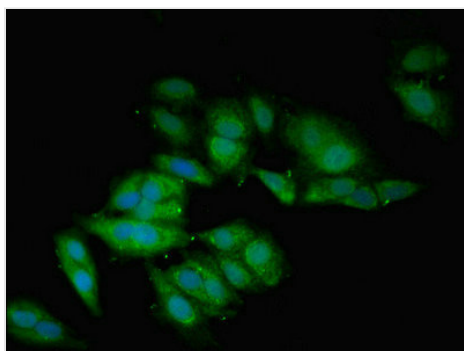
PRODUCT SYNONYMS

Bone morphogenetic protein 2; Polyclonal Antibody; Rabbit anti-human Bone morphogenetic protein 2 polyclonal Antibody; Bone morphogenetic protein 2A; BMP2; BMP2A; anti-BMP2 antibody

PRODUCT SPECIFICATIONS

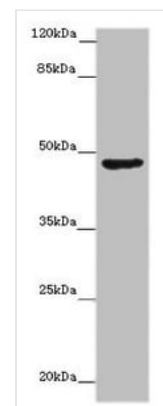
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	396
Applicable Applications for anti-BMP2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Bone morphogenetic protein 2 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-6895 / sc-6267 / sc-9003
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



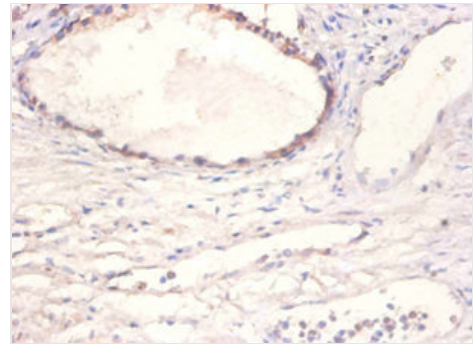
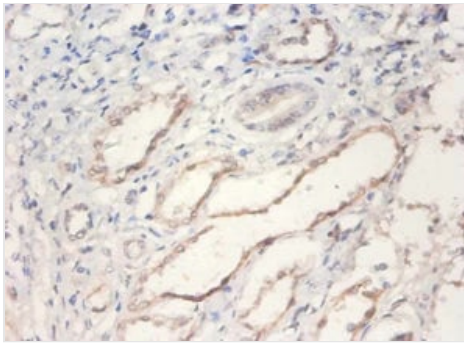
IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA230199 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)

Western blotAll lanes: BMP2 antibody at 7.5ug/ml+A549 whole cell lysateGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 45 kDaObserved band size: 45 kDa



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA230199 at dilution of 1:100

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate using AAA230199 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-BMP2 antibody	Induces cartilage and bone formation. This protein belongs to the transforming growth factor-beta (TGFB) superfamily. The encoded protein acts as a disulfide-linked homodimer and induces bone and cartilage formation.
Product Categories/Family for anti-BMP2 antibody	Developmental Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557369
NCBI GeneID	650
NCBI Accession #	NP_001191.1
NCBI GenBank Nucleotide #	NM_001200.3
UniProt Accession #	P12643
Molecular Weight	44,702 Da
NCBI Official Full Name	bone morphogenetic protein 2 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 2
NCBI Official Symbol	BMP2
NCBI Official Synonym Symbols	BDA2; BMP2A
NCBI Protein Information	bone morphogenetic protein 2
UniProt Protein Name	Bone morphogenetic protein 2
UniProt Gene Name	BMP2
UniProt Synonym Gene Names	BMP2A; BMP-2; BMP-2A
UniProt Entry Name	BMP2_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/bone-morphogenetic-protein-2-antibody-immunohistochemistry-western-blot-elisa/230199>