

Rabbit BMP2K Polyclonal Antibody | anti-BMP2K antibody

BMP2K antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199128	Rabbit	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

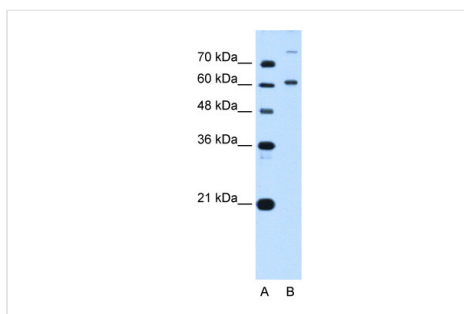
PRODUCT SYNONYMS

BMP2K; Polyclonal Antibody; BMP2K antibody - C-terminal region; anti-BMP2K antibody

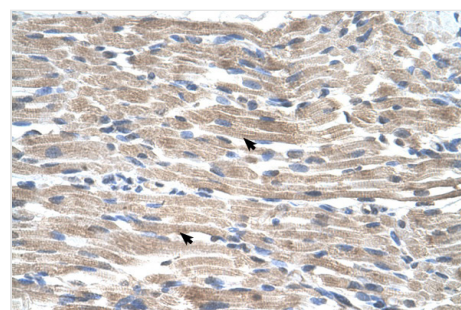
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AQ HQPSQQQASP EYLTPQEFS PALVSYTSSL PAQVGTIMDS SYSANRSV
Sequence Length	662
Applicable Applications for anti-BMP2K antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 92%; Pig: 92%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human BMP2K
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-BMP2K Antibody Titration: 5.0ug/ml Positive Control: HepG2 cell lysate


IHC (Immunohistochemistry)

Human Muscle

ADDITIONAL INFORMATION

Related Product Information for anti-BMP2K antibody	This is a rabbit polyclonal antibody against BMP2K. It was validated on Western Blot and immunohistochemistry Target Description: BMP2K is the human homolog of mouse BMP-2-inducible kinase. Bone morphogenic proteins (BMPs) play a key role in skeletal development and patterning. BMP2K is thought to be a protein kinase with a putative regulatory role in attenuating the program of osteoblast differentiation. This gene is the human homolog of mouse BMP-2-inducible kinase. Bone morphogenic proteins (BMPs) play a key role in skeletal development and patterning. Expression of the mouse gene is increased during BMP-2 induced differentiation and the gene product is a putative serine/threonine protein kinase containing a nuclear localization signal. Therefore, the protein encoded by this human homolog is thought to be a protein kinase with a putative regulatory role in attenuating the program of osteoblast differentiation. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-BMP2K antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	38787904
NCBI GeneID	55589
NCBI Accession #	NP_060063
NCBI GenBank Nucleotide #	NM_017593
UniProt Accession #	Q4W5H2; Q9NSY1
Molecular Weight	74kDa
NCBI Official Full Name	BMP-2-inducible protein kinase isoform b
NCBI Official Synonym Full Names	BMP2 inducible kinase
NCBI Official Symbol	BMP2K
NCBI Official Synonym Symbols	BIKE; HRIHFB2017
NCBI Protein Information	BMP-2-inducible protein kinase
UniProt Protein Name	Putative uncharacterized protein BMP2K
UniProt Gene Name	BMP2K
UniProt Entry Name	Q4W5H2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/bmp2k-antibody-western-blot-immunohistochemistry-elisa/199128>