

Product datasheet for **TA344136**

BMP2K Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-BMP2K antibody: synthetic peptide directed towards the C terminal of human BMP2K. Synthetic peptide located within the following region: AQHQPSQQQASPEYLTSPQEFSPALVSYTSSLPAQVGTIMDSSYSANRSV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	74 kDa
Gene Name:	BMP2 inducible kinase
Database Link:	NP_060063 Entrez Gene 55589 Human Q9NSY1



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Background:

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.

Synonyms:

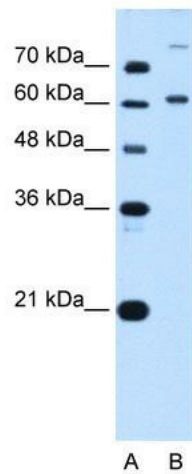
BIKE; HRIHFB2017

Note:

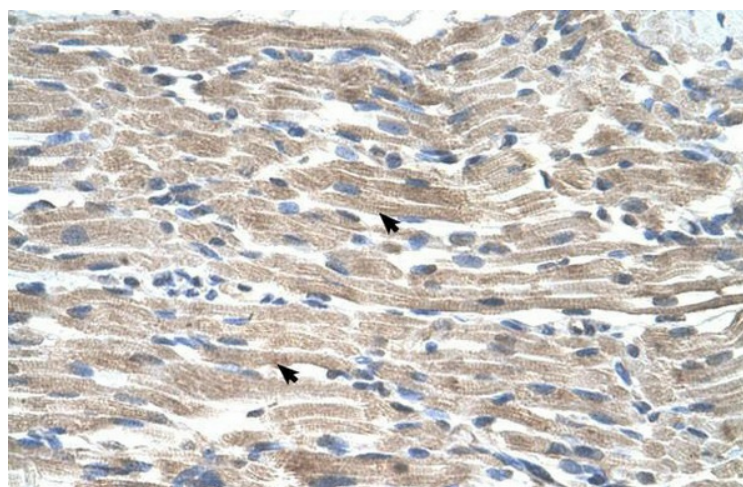
Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Horse: 100%; Human: 100%; Rabbit: 100%; Bovine: 93%; Pig: 92%; Mouse: 92%

Protein Families:

Druggable Genome, Protein Kinase

Product images:

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



Human Muscle