



# BMP2K Polyclonal Antibody

<b>Catalog No</b>	BYab-05026
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	BMP2K BIKE HRIHFB2017
<b>Protein Name</b>	BMP-2-inducible protein kinase (BIKe) (EC 2.7.11.1)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 740-820
<b>Specificity</b>	BMP2K Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	127kD
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	Brain,Epithelium,Ovary,Synovial membrane tissue,Testis,Thyroid,
<b>Function</b>	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:May be involved in osteoblast differentiation.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,
<b>Background</b>	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

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encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**