



BMP2K Monoclonal Antibody

Catalog No	YP-mAb-05026
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	BMP2K BIKE HRIHFB2017
Immunogen	Synthesized peptide derived from human protein . at AA range: 740-820
Specificity	BMP2K Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BIKe;BMP-2-inducible protein kinase;EC:2.7.11.1;HRIHFB2017;BMP2K;BMP2K BIKE HRIHFB2017;BMP-2-inducible protein kinase (BIKe) (EC 2.7.11.1)
Observed Band	140 kDa
Calculated Molecular Weight	129kDa,1161aa
Cell Pathway	Nucleus .
Tissue Specificity	Brain,Epithelium,Ovary,Synovial membrane tissue,Testis,Thyroid,
Function	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.,
Background	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. [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