

BMP2K rabbit monoclonal antibody

Catalog # H00055589-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human BMP2K peptide using ARM Technology.
Immunogen	A synthetic peptide of human BMP2K is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human BMP2K peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — BMP2K

Entrez GeneID	55589
GeneBank Accession#	BMP2K
Gene Name	BMP2K
Gene Alias	BIKE, DKFZp434K0614, DKFZp434P0116, HRIHFB2017
Gene Description	BMP2 inducible kinase
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	BMP-2 inducible kinase

Disease

- [Genetic Predisposition to Disease](#)
- [Myopia](#)