

KIF22 rabbit monoclonal antibody

Catalog # H00003835-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KIF22 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KIF22 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 KIF22 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 — KIF22

Entrez GeneID	3835
GeneBank Accession#	KIF22
Gene Name	KIF22
Gene Alias	KID, KNSL4, OBP, OBP-1, OBP-2
Gene Description	kinesin family member 22
Omim ID	603213
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of kinesin-like protein family. This family of proteins are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the Xenopus homolog suggests its essential role in metaphase chromosome alignment and maintenance. [provided by RefSeq]
Other Designations	kinesin-like 4 oriP binding protein origin of plasmid DNA replication-binding protein