RTKN rabbit monoclonal antibody

Catalog # H00006242-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human RTKN peptide using ARM Technology.
Immunogen	A synthetic peptide of human RTKN 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 RTKN peptide by ELISA and mammalian transfected lysate by We stern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — RTKN

Entrez GeneID	6242
GeneBank Accession#	RTKN
Gene Name	RTKN
Gene Alias	-
Gene Description	rhotekin
Omim ID	602288
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a scaffold protein that interacts with GTP-bound Rho proteins. Binding of this protein inhibits the GTPase activity of Rho proteins. This protein may interfere with the conversion of active, GTP-bound Rho to the inactive GDP-bound form by RhoGAP. Rho proteins regulate ma ny important cellular processes, including cytokinesis, transcription, smooth muscle contraction, c ell growth and transformation. Dysregulation of the Rho signal transduction pathway has been impl icated in many forms of cancer. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq
Other Designations	-