IKBKG rabbit monoclonal antibody

Catalog # H00008517-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	8517
GeneBank Accession#	IKBKG
Gene Name	IKBKG
Gene Alias	AMCBX1, FIP-3, FIP3, Fip3p, IKK-gamma, IP, IP1, IP2, IPD2, NEMO
Gene Description	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
Omim ID	300248 300291 300301 300584 300636 308300
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the regulatory subunit of the inhibitor of kappaB kinase (IKK) complex, which activates NF-kappaB resulting in activation of genes involved in inflammation, immunity, cell survival, and other pathways. Mutations in this gene result in incontinentia pigmenti, hypohidrotic ectodermal dysplasia, and several other types of immunodeficiencies. Multiple transcript variants encoding different isoforms have been found for this gene. A pseudogene highly similar to this locus is located in an adjacent region of the X chromosome. [supplied by RefSeq
Other Designations	NFkappaB essential modulator|OTTHUMP00000026027|OTTHUMP00000026028|OTTHUMP00000026029|incontinentia pigmenti

Pathway

- Acute myeloid leukemia
- Adipocytokine signaling pathway
- Apoptosis
- B cell receptor signaling pathway
- Chemokine signaling pathway
- Chronic myeloid leukemia
- Epithelial cell signaling in Helicobacter pylori infection
- MAPK signaling pathway

- Pancreatic cancer
- Pathways in cancer
- Primary immunodeficiency
- Prostate cancer
- Small cell lung cancer
- T cell receptor signaling pathway
- Toll-like receptor signaling pathway

Disease

- Atherosclerosis
- Calcinosis
- Coronary Artery Disease
- Disease Progression
- Disease Susceptibility
- HIV Infections