IKBKG (phospho S31) polyclonal antibody

Catalog # PAB16885 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of IKBKG.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S31 of IKB KG .
Sequence	LGEESpPLGKPA
Host	Rabbit
Reactivity	Human
Form	Lyophilized
Recommend Usage	ELISA (1:100000-1:400000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 10 mM PBS
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IKBKG

Entrez GeneID	8517
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