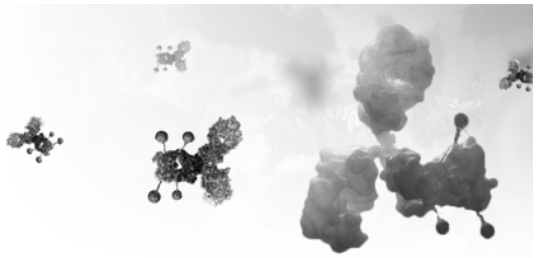

Anti-IKBKG (aa 1-110) polyclonal antibody (DPAB-DC3534)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	IKBKG (NP_003630, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. The sequence is MNRHLWKSQLCEMVQPSGGPAADQDVLGEESPLGKPAMLHLPSEQGAPETLQRCLEENQELRDAIRQSNQILRERCEELLHFQASQREEKEFLMCKFQEARKLVERLGLE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	IKBKG inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma [Homo sapiens (human)]
Official Symbol	IKBKG
Synonyms	IKBKG; inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma; IP; IP1; IP2; FIP3; IPD2; NEMO; FIP-3; Fip3p; AMCBX1; ZC2HC9; IKK-gamma; NF-kappa-B essential modulator; IKKG; IKKAP1; incontinentia pigmenti; IkB kinase gamma subunit; ikB kinase subunit gamma; NFkappaB essential modulator; NF-kappa-B essential modifier; I-kappa-B kinase subunit gamma; ikB kinase-associated protein 1; inhibitor of nuclear factor kappa-B kinase subunit gamma;
Entrez Gene ID	8517
Protein Refseq	NP_001093326
UniProt ID	Q9Y6K9
Chromosome Location	Xq28
Pathway	Activated TLR4 signalling; Acute myeloid leukemia; Adipocytokine signaling pathway; B Cell Receptor Signaling Pathway
Function	metal ion binding; protein binding; protein domain specific binding; protein heterodimerization activity

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