

Datasheet for ABIN3031326

anti-IKBKG antibody

2 Images



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Overview

Quantity:	0.4 mL
Target:	IKBKG
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IKBKG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This IKK gamma antibody was raised using purified His-tagged recombinant full length human IKKg.
Clone:	55AT986-5-78
Isotype:	IgG1
Purification:	Purified

Target Details

Target:	IKBKG
Alternative Name:	IKK gamma (IKBKG Products)
Background:	This gene encodes the regulatory subunit of the inhibitor of kappaB kinase (IKK) complex, which activates NF-kB resulting in activation of genes involved in inflammation, immunity, cell survival, and other pathways. Mutations in this gene result in incontinentia pigmenti,

Target Details

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.

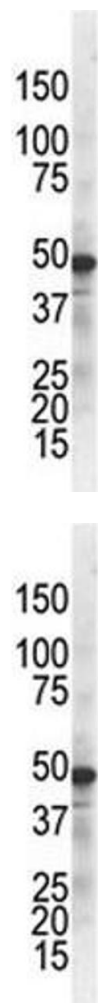
UniProt:	Q9Y6K9
Pathways:	NF-kappaB Signaling , RTK Signaling , TCR Signaling , TLR Signaling , Fc-epsilon Receptor Signaling Pathway , Activation of Innate immune Response , M Phase , Production of Molecular Mediator of Immune Response , Hepatitis C , Protein targeting to Nucleus , Toll-Like Receptors Cascades , BCR Signaling , Ubiquitin Proteasome Pathway , S100 Proteins

Application Details

Application Notes:	Titration of the IKK gamma antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:100-1:500
Restrictions:	For Research Use only

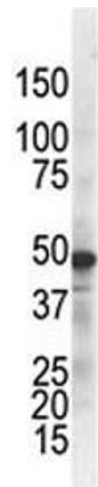
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the IKK gamma antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. The IKK gamma antibody used in western blot to detect IKKg in ZR75-1 cell lysate. Predicted molecular weight ~48 kDa.



Western Blotting

Image 2. The IKK gamma antibody used in western blot to detect IKKg in ZR75-1 cell lysate. Predicted molecular weight ~48 kDa.