

IKK gamma Antibody

Catalog No: #24122

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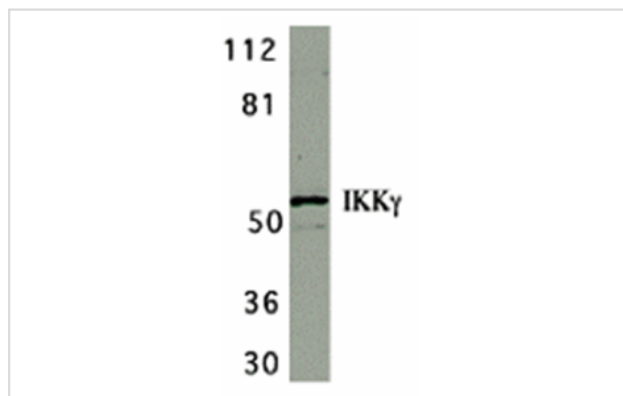
Description

Product Name	IKK gamma Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	IKK gamma Antibody is DEAE purified.
Applications	ELISA WB ICC
Species Reactivity	Hu Ms Rt
Specificity	IKK gamma has no cross response to IKK alpha or IKK beta.
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 400 to 416 of human IKK gamma, which are identical to those of mouse homologue.
Target Name	IKK gamma
Other Names	IKKg, NEMO, NEMO, FIP3
Accession No.	Swiss-Prot:Q9Y6K9Gene ID:8517
Uniprot	Q9Y6K9
GeneID	8517;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

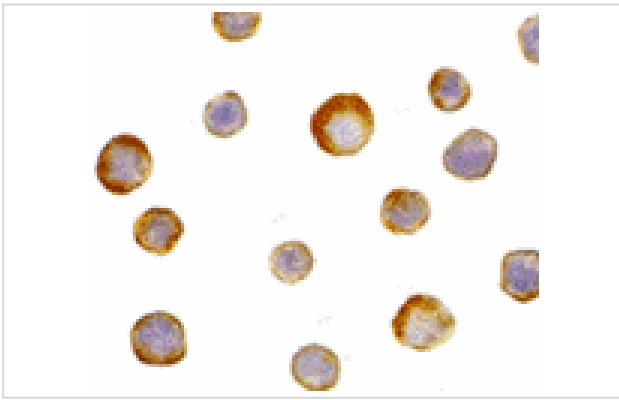
Application Details

Predicted MW: 52 kd

Images



Western blot analysis of IKK gamma in HeLa whole cell lysate with IKK gamma antibody at 1 ug/mL.



Immunocytochemistry of IKK gamma in HeLa cells with IKK gamma antibody at 5 ug/mL.

Background

Nuclear factor kappa B (NF- κ B) is a ubiquitous transcription factor and an essential mediator of gene expression during activation of immune and inflammatory responses. NF- κ B mediates the expression of a great variety of genes in response to extracellular stimuli. NF- κ B is associated with I κ B proteins in the cell cytoplasm, which inhibit NF- κ B activity. The I κ B kinase (IKK α and IKK β) phosphorylates I κ B and mediates NF- κ B activation. A novel molecule in the IKK complex was recently identified and termed IKK γ /NEMO/FIP3/IKKAP1. IKK γ interacts with IKK β and is required for the activation of IKK complex and NF- κ B by LPS, PMA, TNF, and IL-1 stimulation. FIP3 was also shown to bind to RIP and NIK and to mediate TNF-induced NF- κ B activation.

Note: This product is for in vitro research use only