

## IKK gamma/NEMO Rabbit mAb [MX39]

Cat NO. :A82325

## Information:

Applications	Reactivity:	UniProt ID:	MW(kDa)	Host	Isotype	Size
WB,ICC/IF	H	Q9Y6K9	48 kDa	Rabbit	IgG	50ul,100ul,200ul

## Applications detail:

Application	Dilution
WB	1:1000-2000
ICC/IF	1:100
The optimal dilutions should be determined by the end user	

## Conjugate:

UnConjugate

## Form:

Liquid

## sensitivity:

Endogenous

## Purification:

Protein A purification

## Specificity:

Antibody is produced by immunizing animals with a synthetic peptide at the sequence of human IKK gamma/NEMO

## Storage buffer and conditions:

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at -20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

## Tissue specificity:

Heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.

## Subcellular location:

Cytoplasm. Nucleus.

## Function:

Regulatory subunit of the IKK core complex which phosphorylates inhibitors of NF-kappa-B thus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor (PubMed:9751060, PubMed:14695475, PubMed:20724660). Its binding to scaffolding polyubiquitin plays a key role in IKK activation by multiple signaling receptor pathways (PubMed:16547522, PubMed:18287044, PubMed:19033441, PubMed:21606507, PubMed:27777308, PubMed:19185524, PubMed:33567255). Can recognize and bind both 'Lys-63'-linked and linear polyubiquitin upon cell stimulation, with a much higher affinity for linear polyubiquitin (PubMed:16547522, PubMed:18287044, PubMed:27777308, PubMed:19033441,

**Introduction:** **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/Immunofluorescence **F:** Flow Cytometry

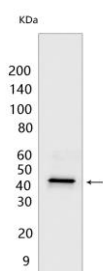
**Cross Reactivity:** **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Ml:** mink **C:** chicken **Dm:** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Hr:** horse

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PubMed:21606507, PubMed:19185524). Could be implicated in NF-kappa-B-mediated protection from cytokine toxicity. Essential for viral activation of IRF3 (PubMed:19854139). Involved in TLR3- and IFIH1-mediated antiviral innate response,this function requires 'Lys-27'-linked polyubiquitination (PubMed:20724660)... (Microbial infection) Also considered to be a mediator for HTLV-1 Tax oncoprotein activation of NF-kappa-B..

## Validation Data:

### IKK gamma/NEMO Rabbit mAb [MX39] Images



Western blot ( SDS PAGE ) analysis of extracts from HEK293T cells.Using IKK gamma/NEMORabbit mAb [MX39] at dilution of 1:1000 incubated at 4℃ over night.

View more information on <http://naturebios.com>

**IMPORTANT:** For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.

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