

**IKK gamma Rabbit mAb**  
Catalog # AP75609**Specification****IKK gamma Rabbit mAb - Product Information**

Application	WB, IF, IP
Primary Accession	<a href="#">Q9Y6K9</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	48198

**IKK gamma Rabbit mAb - Additional Information**

Gene ID 8517

**Other Names**

IKBKG

**Dilution**

WB~~1/500-1/1000

IF~~1/50-1/200

IP~~1/20

**Format**

Liquid

**IKK gamma Rabbit mAb - Protein Information**Name IKBKG ([HGNC:5961](#))

Synonyms FIP3, NEMO

**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: [14695475](http://www.uniprot.org/citations/14695475), PubMed: [20724660](http://www.uniprot.org/citations/20724660), PubMed: [21518757](http://www.uniprot.org/citations/21518757), PubMed: [9751060](http://www.uniprot.org/citations/9751060)). Its binding to scaffolding polyubiquitin plays a key role in IKK activation by multiple signaling receptor pathways (PubMed: [16547522](http://www.uniprot.org/citations/16547522), PubMed: [18287044](http://www.uniprot.org/citations/18287044), PubMed: [19033441](http://www.uniprot.org/citations/19033441), PubMed: [19185524](http://www.uniprot.org/citations/19185524), PubMed: [21606507](http://www.uniprot.org/citations/21606507), PubMed: [27777308](http://www.uniprot.org/citations/27777308), PubMed: [14695475](#), PubMed: [20724660](#), PubMed: [21518757](#), PubMed: [9751060](#), PubMed: [16547522](#), PubMed: [18287044](#), PubMed: [19033441](#), PubMed: [19185524](#), PubMed: [21606507](#), PubMed: [27777308](#)).

<http://www.uniprot.org/citations/33567255> target="\_blank">33567255</a>). Can recognize and bind both 'Lys-63'-linked and linear polyubiquitin upon cell stimulation, with a much higher affinity for linear polyubiquitin (PubMed:<a href="http://www.uniprot.org/citations/16547522" target="\_blank">16547522</a>, PubMed:<a href="http://www.uniprot.org/citations/18287044" target="\_blank">18287044</a>, PubMed:<a href="http://www.uniprot.org/citations/19033441" target="\_blank">19033441</a>, PubMed:<a href="http://www.uniprot.org/citations/19185524" target="\_blank">19185524</a>, PubMed:<a href="http://www.uniprot.org/citations/21606507" target="\_blank">21606507</a>, PubMed:<a href="http://www.uniprot.org/citations/27777308" target="\_blank">27777308</a>). Could be implicated in NF-kappa-B-mediated protection from cytokine toxicity. Essential for viral activation of IRF3 (PubMed:<a href="http://www.uniprot.org/citations/19854139" target="\_blank">19854139</a>). Involved in TLR3- and IFIH1-mediated antiviral innate response; this function requires 'Lys- 27'-linked polyubiquitination (PubMed:<a href="http://www.uniprot.org/citations/20724660" target="\_blank">20724660</a>).

### Cellular Location

Cytoplasm. Nucleus Note=Sumoylated NEMO accumulates in the nucleus in response to genotoxic stress.

### Tissue Location

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

## IKK gamma Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## IKK gamma Rabbit mAb - Images



