

Product datasheet for **TA306055**

IKK gamma (IKBKG) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 5 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	IKK gamma antibody was raised against a 17 amino acid peptide near the carboxy terminus of human IKK gamma. The immunogen is located within the last 50 amino acids of IKK gamma.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	IKK gamma Antibody is DEAE purified.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
Database Link:	AF074382 Entrez Gene 8517 Human Q9Y6K9

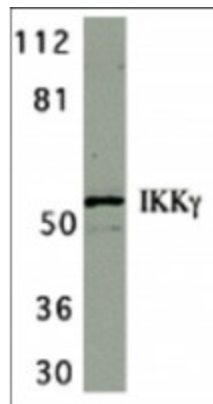
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Background:

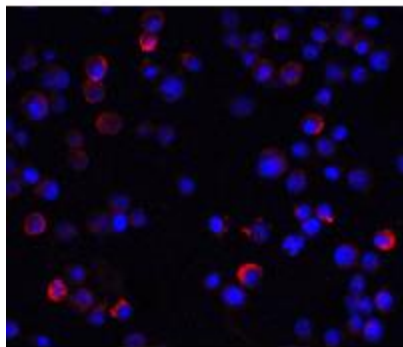
Nuclear factor kappa B (NF-kappaB) is a ubiquitous transcription factor and an essential mediator of gene expression during activation of immune and inflammatory responses. NF-kappaB mediates the expression of a great variety of genes in response to extracellular stimuli. NF-kappaB is associated with I κ B proteins in the cell cytoplasm, which inhibit NF-kappaB activity. The I κ B kinase (IKK α and IKK β) phosphorylates I κ B and mediates NF-kappaB activation. A novel molecule in the IKK complex was recently identified and termed IKKgamma/NEMO/FIP3/IKKAP1 (1-5). IKK γ interacts with IKK β and is required for the activation of IKK complex and NF-kappaB by LPS, PMA, TNF, and IL-1 stimulation (1-4). FIP3 was also shown to bind to RIP and NIK and to mediate TNF-induced NF-kappaB activation (3).

Synonyms:

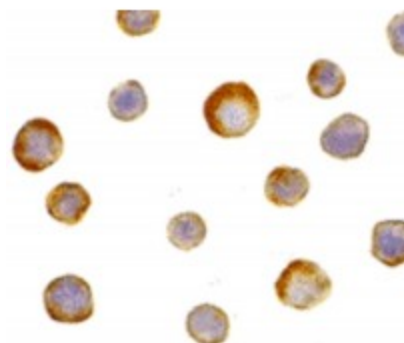
AMCBX1; FIP-3; FIP3; Fip3p; IKK-gamma; IKKAP1; IKKG; IMD33; IP; IP1; IP2; IPD2; NEMO; ZC2HC9

Product images:


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



Immunofluorescence of IKK gamma in HeLa cells with IKK gamma antibody at 20ug/ml.



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