

Rabbit IKBKG Polyclonal Antibody | anti-ICKBKG antibody

IKBKG Polyclonal Antibody

CATALOG # AAA10636	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

IKBKG; Polyclonal Antibody; IKBKG Polyclonal Antibody; AMCBX1; FIP-3; FIP3; Fip3p; IKK-gamma; IP; IP1; IP2; IPD2; NEMO; IKKgamma; anti-ICKBKG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	419
Applicable Applications for anti-ICKBKG antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:200
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human IKBKG
Calculated Molecular Weight	48kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using IKBKG antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using IKBKG antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

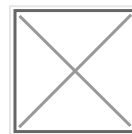
Immunohistochemistry of paraffin-embedded human esophageal cancer using IKBKG antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human esophagus using IKBKG antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded rat brain using IKBKG antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded rat lung using IKBKG antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti- IKBKG antibody	The NF-kappaB/Rel transcription factors are present in the cytosol in an inactive state, complexed with the inhibitory IkappaB proteins (1-3). Most agents that activate NF-kappaB do so through a common pathway based on phosphorylation-induced, proteasome-mediated degradation of IkappaB (3-7). The key regulatory step in this pathway involves activation of a high molecular weight IkappaB kinase (IKK) complex whose catalysis is generally carried out by three tightly associated IKK subunits. IKKalpha and IKKbeta serve as the catalytic subunits of the kinase and IKKgamma serves as the regulatory subunit (8,9). Activation of IKK depends upon phosphorylation of Ser177 and Ser181 in the activation loop of IKKbeta (Ser176 and Ser180 in IKKalpha), which causes conformational changes resulting in kinase activation (10-13).
Product Categories/Family for anti- IKBKG antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	6685695
NCBI GeneID	8517
UniProt Accession #	Q9Y6K9; Q7LBY6; Q7Z7F1
Molecular Weight	419
NCBI Official Full Name	NF-kappa-B essential modulator
NCBI Official Synonym Full Names	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
NCBI Official Symbol	IKBKG
NCBI Official Synonym Symbols	IP; IP1; IP2; FIP3; IPD2; NEMO; FIP-3; Fip3p; IMD33; AMCBX1; ZC2HC9; IKK-gamma
NCBI Protein Information	NF-kappa-B essential modulator; IKKG; IKKAP1; incontinentia pigmenti; Ikb kinase gamma subunit; ikB kinase subunit gamma; NFkappaB essential modulator; NF-kappa-B essential modifier; I-kappa-B kinase subunit gamma; ikB kinase-associated protein 1; inhibitor of nuclear factor kappa-B kinase subunit gamma
UniProt Protein Name	NF-kappa-B essential modulator
UniProt Gene Name	IKBKG
UniProt Synonym Gene Names	FIP3; NEMO; NEMO; IKKAP1; I-kappa-B kinase subunit gamma; IKK-gamma; IKKG; Ikb kinase subunit gamma
UniProt Entry Name	NEMO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.