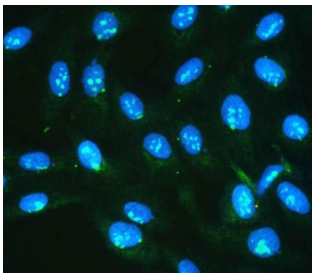
IKKG Antibody / NEMO (R32596)

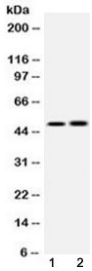
Catalog No.	Formulation	Size
R32596	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q9Y6K9
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 5ug/ml
Limitations	This IKKG antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with IKKG antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) rat heart and 2) human HepG2 lysate with IKKG antibody at 0.5ug/ml. Expected molecular weight: 37-60 kDa.

Description

NF-kappa-B essential modulator (NEMO), also known as inhibitor of nuclear factor kappa-B kinase subunit gamma (IKKγ), is a protein that in humans is encoded by the IKBKG gene. This gene encodes the regulatory subunit of the inhibitor of kappaB kinase (IKK) complex, which activates NF-kappaB resulting in activation of genes involved in inflammation, immunity, cell survival, and other pathways. Mutations in this gene result in incontinentia pigmenti, hypohidrotic ectodermal dysplasia, and several other types of immunodeficiencies. A pseudogene highly similar to this locus is located in an adjacent region of the X chromosome.

Application Notes

Optimal dilution of the IKKG antibody should be determined by the researcher.

Immunogen

Amino acids 207-246 (QSVEAALRMERQAASEEKRKLAQLQVAYHQLFQEYDNHIK-human) were used as the immunogen for the IKKG antibody.

Storage

After reconstitution, the IKKG antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.