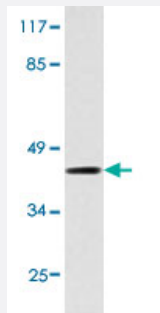


IKBKG polyclonal antibody

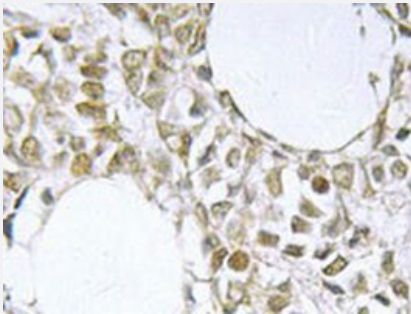
Catalog # PAB24870 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with IKBKG polyclonal antibody (Cat # PAB24870).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IKBKG polyclonal antibody (Cat # PAB24870).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of IKBKG.
Immunogen	A synthetic peptide corresponding to IKBKG.
Host	Rabbit
Theoretical MW (kDa)	43
Reactivity	Human
Specificity	IKBKG polyclonal antibody detects endogenous levels of IKBKG protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1x PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with IKBKG polyclonal antibody (Cat # PAB24870).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IKBKG polyclonal antibody (Cat # PAB24870).

- Immunofluorescence

Gene Info — IKBKG

Entrez GeneID	8517
Gene Name	IKBKG
Gene Alias	AMCBX1, FIP-3, FIP3, Fip3p, IKK-gamma, IP, IP1, IP2, IPD2, NEMO
Gene Description	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
Omim ID	300248 300291 300301 300584 300636 308300
Gene Ontology	Hyperlink

Gene Summary

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. Multiple transcript variants encoding different isoforms have been found for this gene. A pseudogene highly similar to this locus is located in an adjacent region of the X chromosome. [supplied by RefSeq]

Other Designations

NFkappaB essential modulator|OTTHUMP00000026027|OTTHUMP00000026028|OTTHUMP0000026029|incontinentia pigmenti

Pathway

- [Acute myeloid leukemia](#)
- [Adipocytokine signaling pathway](#)
- [Apoptosis](#)
- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [MAPK signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Primary immunodeficiency](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)

- [Coronary Artery Disease](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)