



Catalog: OM105096

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Rabbit anti-IKBKG polyclonal antibody - middle region

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100ug

Product profile

Product name	Rabbit anti-IKBKG polyclonal antibody - middle region
Antibody Type	Primary Antibodies
Immunogen	The immunogen for anti-IKBKG antibody: synthetic peptide directed towards the middle region of human IKBKG

Key Feature

Clonality	Polyclonal
Isotype	IgG
Host Species	Rabbit
Tested Applications	WB
Species Reactivity	Dog Guinea Pig Horse Human Mouse Pig Rabbit Rat
Concentration	1 mg/ml
Purification	Protein A

Target Information

Gene Symbol	IKBKG
Gene Synonyms	IKBKG
Gene Full Name	Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
Gene Summary	Familial incontinentia pigmenti (IP) is a genodermatosis that segregates as an X-linked dominant disorder and is usually lethal prenatally in males. In affected females it causes highly variable abnormalities of the skin, hair, nails, teeth, eyes, and central nervous system. The prominent skin signs occur in 4 classic cutaneous stages: perinatal inflammatory vesicles, verrucous patches, a distinctive pattern of hyperpigmentation, and dermal scarring. Cells expressing the mutated X chromosome are eliminated selectively around the time of birth, so females with IP exhibit extremely skewed X-inactivation. Familial incontinentia pigmenti is caused by mutations in the NEMO gene and is here referred to as IP2, or 'classical' incontinentia pigmenti. Sporadic incontinentia pigmenti, the so-called IP1, which maps to Xp11, is categorized as hypomelanosis.

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Alternative Names IP, IP1, IP2, FIP3, IPD2, NEMO, FIP-3, Fip3p, AMCBX1, IKK-gamma

Molecular Weight(MW) 48kDa

Sequence 419 amino acids

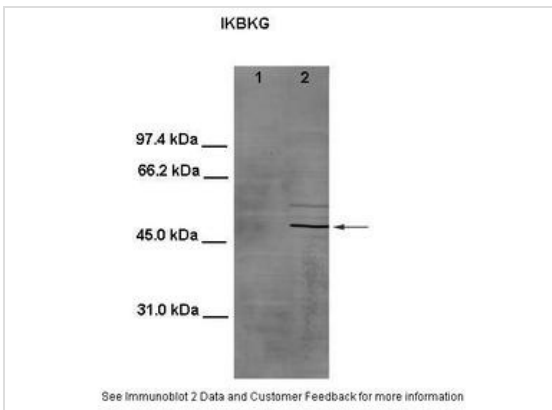
Database Links

Entrez Gene 8517

SwissProt ID Q9Y6K9

Protein Accession NP_003630

Application



Application

Lanes:

1. 100 ug mouse testis lysate
2. 100 ug HeLa cell lysate

Primary Antibody Dilution:

1:800

Secondary Antibody:

Anti-rabbit-AP

Secondary Antibody Dilution:

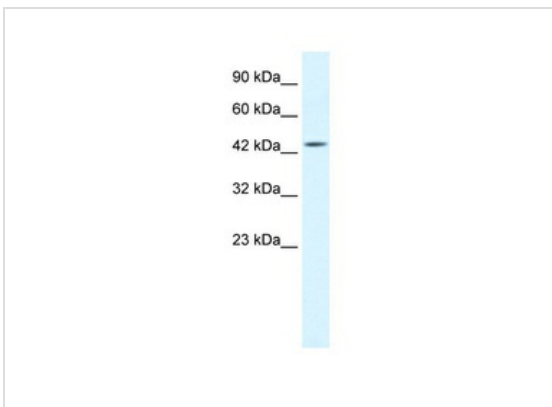
1:10000

Gene Name:

IKBKG

Submitted by:

Andreia Carvalho, Instituto de Biologia Molecular e Celular, Universidade do Porto (IBMC-UP)/Organelle Biogenesis and Function (OBF) Group



Application

WB Suggested Anti-IKBKG Antibody Titration: 1.25ug/ml

ELISA Titer: 1:312500

Positive Control: HepG2 cell lysate

IKBKG is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells

Application Notes WB:1:500~1:2000

Notes:Optimal dilutions/concentrations should be determined by the researcher.

Additional Information

Form Liquid

Storage Instructions Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles

Storage Buffer phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Note The product is for research use only,not for use in diagnostic or therapeutic procedures.

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