Catalog: OM105099

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Rabbit anti-IKBKG polyclonal antibody - N-terminal region

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☐ 100ug

Product profile

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

Key Feature

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

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	IKBKG is the regulatory subunit of the IKK core complex which phosphorylates inhibitors of NF-kappa-B t hus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor. IKBKG also considered to be a mediator for TAX activation of NF-kappa-B. IKBKG could be impli cated in NF-kappa-B-mediated protection from cytokine toxicity.Familial incontinentia pigmenti (IP) is a ge nodermatosis that segregates as an X-linked dominant disorder and is usually lethal prenatally in males (The International Incontinentia Pigmenti Consortium, 2000 [PubMed 10839543]). In affected females it ca uses highly variable abnormalities of the skin, hair, nails, teeth, eyes, and central nervous system. The pro

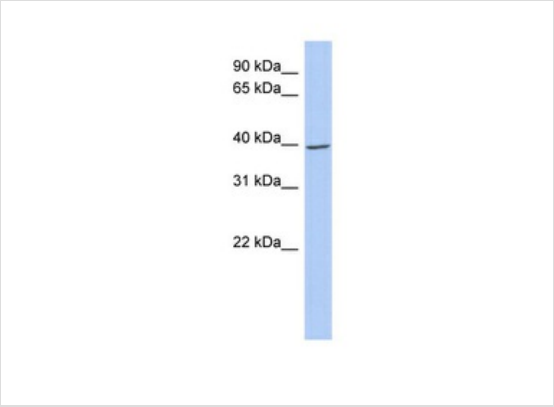
minent skin signs occur in 4 classic cutaneous stages: perinatal inflammatory vesicles, verrucous patches, a distinctive pattern of hyperpigmentation, and dermal scarring. Cells expressing the mutated X chromos ome are eliminated selectively around the time of birth, so females with IP exhibit extremely skewed X-ina ctivation. 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 of Ito (MIM 300337).[supplied by OMIM]. Sequence Note: remov ed 1 base from the 5' end that did not align to the reference genome assembly. Publication Note: This Re fSeq record includes a subset of the publications that are available for this gene. Please see the Entrez G ene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_ SPAN COMP 1-2120 AF261086.1 2-2121

Alternative Names	AMCBX1, FIP-3, FIP3, Fip3p, IKK-gamma, IP, IP1, IP2, IPD2, NEMO
Molecular Weight(MW)	48kDa
Sequence	419 amino acids

Database Links

Entrez Gene	8517
SwissProt ID	Q9Y6K9
Protein Accession	NP_003630

Application



Application
WB Suggested Anti-IKBKG Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human Spleen

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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