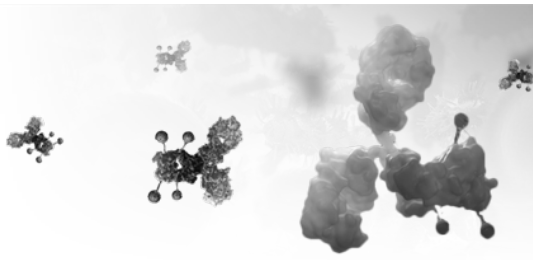

# Human IKBKG blocking peptide (CDBP1572)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Product Overview** | IKK gamma ( N - term ) peptide ( human ) |
| **Antigen Description** | 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. [provided by RefSeq, Aug 2011] |
| **Species** | Human |
| **Conjugate** | Unconjugated |
| **Applications** | BL |
| **Concentration** | 0.2 mg/ml |
| **Size** | 50 µg |
| **Buffer** | PBS with 0.1% BSA 0.02% sodium azide pH7.2 |
| **Preservative** | 0.02% Sodium Azide |
| **Storage** | Upon receipt - Keep as concentrated solution. Aliquot and store at -20℃ or below. Avoid freeze-thaw cycles. |

## GENE INFORMATION

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|---|---|
| **Gene Name** | IKBKG inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma [ Homo sapiens (human) ] |

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|---|---|
| **Official Symbol** | IKBKG |
| **Synonyms** | IKBKG; inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma; IP; IP1; IP2; FIP3; IPD2; NEMO; FIP-3; Fip3p; AMCBX1; ZC2HC9; IKK-gamma; 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; |
| **Entrez Gene ID** | 8517 |
| **mRNA Refseq** | NM_001099856.3 |
| **Protein Refseq** | NP_001093326.2 |
| **UniProt ID** | Q9Y6K9 |
| **Chromosome Location** | Xq28 |
| **Pathway** | Activated TLR4 signalling, organism-specific biosystem; Activation of NF-kappaB in B Cells, organism-specific biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; |
| **Function** | metal ion binding; protein binding; protein domain specific binding; protein heterodimerization activity; protein homodimerization activity; signal transducer activity; |

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