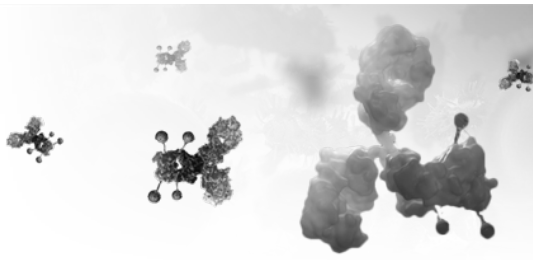

# Human IKBKB blocking peptide (CDBP1570)

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

## PRODUCT INFORMATION

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|---|---|
| **Product Overview** | IKK beta ( C3 ) peptide ( human ) |
| **Antigen Description** | The protein encoded by this gene phosphorylates the inhibitor in the inhibitor/NF-kappa-B complex, causing dissociation of the inhibitor and activation of NF-kappa-B. The encoded protein itself is found in a complex of proteins. Several transcript variants, some protein-coding and some not, have been found for this gene. [provided by RefSeq, Sep 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°C or below. Avoid freeze-thaw cycles. |

## GENE INFORMATION

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|---|---|
| **Gene Name** | IKBKB inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta [ Homo sapiens (human) ] |
| **Official Symbol** | IKBKB |
| **Synonyms** | IKBKB; inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta; IKK2; IKKB; |

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|---|---|
| | IMD15; NFKBIKB; IKK-beta; inhibitor of nuclear factor kappa-B kinase subunit beta; IKK-B; I-kappa-B kinase 2; I-kappa-B-kinase beta; nuclear factor NF-kappa-B inhibitor kinase beta; |
| **Entrez Gene ID** | 3551 |
| **mRNA Refseq** | NM_001190720.2 |
| **Protein Refseq** | NP_001177649.1 |
| **UniProt ID** | O14920 |
| **Chromosome Location** | 8p11.2 |
| **Pathway** | AGE/RAGE pathway, organism-specific biosystem; 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-speci |
| **Function** | ATP binding; IkappaB kinase activity; protein binding; protein heterodimerization activity; protein homodimerization activity; protein kinase activity; protein kinase binding; protein serine/threonine kinase activity; scaffold protein binding; |

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