

Product Name: IKK beta Rabbit Monoclonal Antibody
Catalog #: AMRe85701



Summary

Production Name	IKK beta Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	IKK beta IKBKB; IKKB; Inhibitor of nuclear factor kappa-B kinase subunit beta; I-kappa-B-kinase
Alternative Names	beta; IKK-B; IKK-beta; IkbKB; I-kappa-B kinase 2; IKK2; Nuclear factor NF-kappa-B inhibitor kinase beta; NFKBIKB
Gene ID	3551.0
SwissProt ID	O14920. A synthetic peptide of human IKK beta

Application

Dilution Ratio	WB:1:500-1:1000,IP:45677
Molecular Weight	Calculated MW: 87 kDa; Observed MW: 87 kDa

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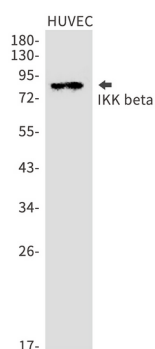
Background

The NF- κ B/Rel transcription factors are present in the cytosol in an inactive state, complexed with the inhibitory I κ B proteins (1-3). Most agents that activate NF- κ B do so through a common pathway based on phosphorylation-induced, proteasome-mediated degradation of I κ B (3-7). The key regulatory step in this pathway involves activation of a high molecular weight I κ B kinase (IKK) complex whose catalysis is generally carried out by three tightly associated IKK subunits.

Research Area

PI3K-Akt signaling pathway, mTOR signaling pathway, MAPK signaling pathway

Image Data



Western blot analysis of IKK beta in HUVEC lysates using IKK beta antibody.

Note

For research use only.