IKK alpha Rabbit mAb

Catalog No: #59000

Package Size: #59000-1 50ul #59000-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	IKK alpha Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP FC
Species Reactivity	Human Mouse Rat
Specificity	IKK alpha Antibody detects endogenous levels of IKK alpha
Immunogen Description	A synthesized peptide derived from human IKK alpha
Other Names	CHUK; I-kappa-B kinase 1; I-kappa-B kinase alpha; I-kappa-B kinase-alpha; IkappaB kinase; IkB kinase alpha subunit; IkBKA; IKK-A; IKK-a kinase; IKK-alpha; IKK1; IKKA;
Accession No.	Uniprot:O15111
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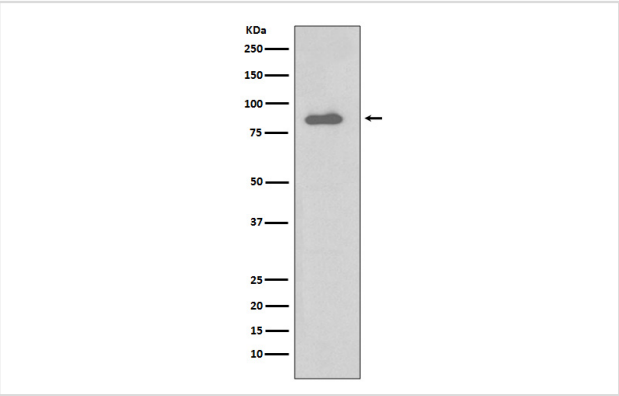
Calculated MW	85kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

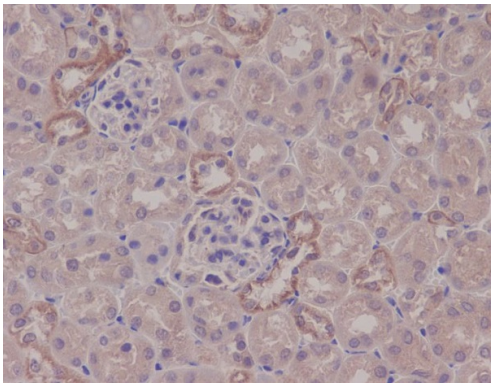
Application Details

WB 1:5000~1:20000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:50

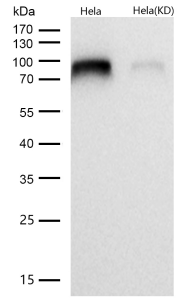
Images



Western blot analysis of IKK alpha expression in Daudi cell lysate.



Immunohistochemical analysis of paraffin-embedded mouse kidney, using IKK alpha Antibody.



All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.

Product Description

Plays an essential role in the NF-kappa-B signaling pathway which is activated by multiple stimuli such as inflammatory cytokines, bacterial or viral products, DNA damages or other cellular stresses. Activation of IKK depends upon phosphorylation at Ser177 and Ser181 in the activation loop of IKKβ (Ser176 and Ser180 in IKKα), which causes conformational changes, resulting in kinase activation.

Background

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Note: This product is for in vitro research use only