

Datasheet for ABIN6136048
anti-IKK alpha antibody (pSer180)



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1 Image

Overview

Quantity:	100 µL
Target:	IKK alpha (CHUK)
Binding Specificity:	pSer180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKK alpha antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic phosphorylated peptide around S180 of human IKKalpha (NP_001269.3).
Sequence:	CTSFV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	IKK alpha (CHUK)
Alternative Name:	CHUK (CHUK Products)

Target Details

Background:	This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquination pathway, thereby activating the transcription factor.,CHUK,IKBKA,IKK-alpha,IKK1,IKKA,NFKBIKA,TCF16,IKK alpha,Epigenetics & Nuclear Signaling,Chromatin Modifying Enzymes,Phosphorylation,Signal Transduction,Kinase,Serine/threonine kinases,PI3K-Akt Signaling Pathway,Cell Biology & Developmental Biology,Apoptosis,Inhibition of Apoptosis,Death Receptor Signaling Pathway,Endocrine & Metabolism,Insulin Receptor Signaling Pathway,Immunology & Inflammation,B Cell Receptor Signaling Pathway,T Cell Receptor Signaling Pathway,NF-kB Signaling Pathway,Toll-like Receptor Signaling Pathway,Cell Intrinsic Innate Immunity Signaling Pathway,TLR Signaling,Cardiovascular,Protein phosphorylation,CHUK
Molecular Weight:	84 kDa
Gene ID:	1147
UniProt:	O15111
Pathways:	PI3K-Akt Signaling , NF-kappaB Signaling , RTK Signaling , TCR Signaling , TLR Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Hepatitis C , Toll-Like Receptors Cascades , BCR Signaling , Ubiquitin Proteasome Pathway , S100 Proteins

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

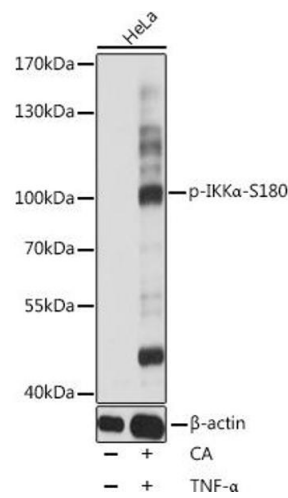
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of HeLa cells, using Phospho-IKKα-S180 antibody (ABIN6135203, ABIN6136048, ABIN6136049 and ABIN6225542) at 1:1000 dilution. HeLa cells were treated by both TNF-α(20 ng/mL) and Calyculin A (100nM) for 10 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.