

Datasheet for ABIN7270222
anti-STK3 antibody (pThr384)



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1 Image

Overview

Quantity:	100 µL
Target:	STK3
Binding Specificity:	pThr384
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-STK3/MST2-T384 Rabbit pAb
Immunogen:	A phospho specific peptide corresponding to residues surrounding T384 of human STK3/MST2.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	STK3
Alternative Name:	STK3 (STK3 Products)

Target Details

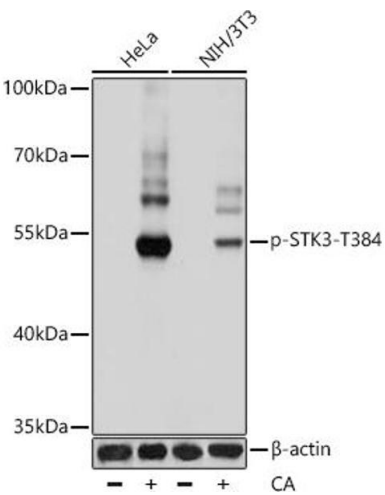
Background:	This gene encodes a serine/threonine protein kinase activated by proapoptotic molecules indicating the encoded protein functions as a growth suppressor. Cleavage of the protein product by caspase removes the inhibitory C-terminal portion. The N-terminal portion is transported to the nucleus where it homodimerizes to form the active kinase which promotes the condensation of chromatin during apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene.,KRS1,MST2,STK3,Apoptosis,Autophagy,Cell Biology & Developmental Biology,Hippo Signaling Pathway,Kinase,Kinase_Serine/threonine kinases,Signal Transduction,STK3
Molecular Weight:	56kDa
Gene ID:	6788
UniProt:	Q13188
Pathways:	Tube Formation

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



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Phospho-STK3/MST2-T384 antibody (ABIN7270222) at 1:1000 dilution. HeLa cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes. NIH/3T3 cells were treated by Calyculin A (100 nM) at 37 °C for 30 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: 1s.