

Datasheet for ABIN7270228  
**anti-STK4 antibody (pThr387)**



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1 Image

## Overview

Quantity:	100 µL
Target:	STK4
Binding Specificity:	pThr387
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STK4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	Phospho-MST1/STK4-T387 Rabbit pAb
Immunogen:	A phospho specific peptide corresponding to residues surrounding T387 of human MST1/STK4.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

## Target Details

Target:	STK4
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## Target Details

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Alternative Name:	STK4 ( <a href="#">STK4 Products</a> )
Background:	<p>The protein encoded by this gene is a cytoplasmic kinase that is structurally similar to the yeast Ste20p kinase, which acts upstream of the stress-induced mitogen-activated protein kinase cascade. The encoded protein can phosphorylate myelin basic protein and undergoes autophosphorylation. A caspase-cleaved fragment of the encoded protein has been shown to be capable of phosphorylating histone H2B. The particular phosphorylation catalyzed by this protein has been correlated with apoptosis, and it's possible that this protein induces the chromatin condensation observed in this process. [provided by RefSeq, Jul 2008],KRS2;MST1;YSK3;STK4,Signal Transduction,Kinase,Serine/threonine kinases,Cell Biology &amp; Developmental Biology,Apoptosis,Autophagy,Hippo Signaling Pathway,Cardiovascular,Heart,Hypertrophy,Protein phosphorylation,STK4</p>
Molecular Weight:	59kDa
Gene ID:	6789
UniProt:	<a href="#">Q13043</a>
Pathways:	<a href="#">Tube Formation</a>

## Application Details

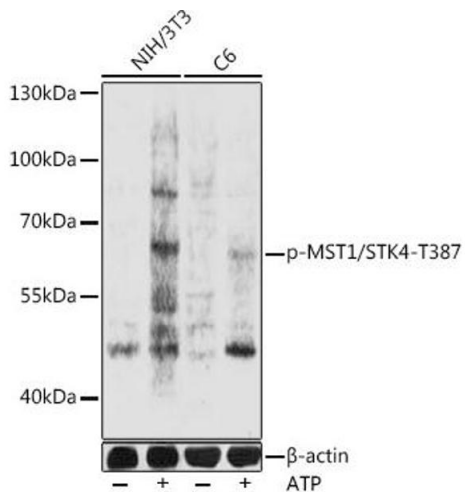
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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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 NIH/3T3 and C6 cells, using phospho-MST1/STK4-T387 pAb (ABIN7270228) at 1:1000 dilution. NIH/3T3 and C6 cells were treated by ATP (5 mM) at 30 °C for 1 hour. 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: 30s.