

Datasheet for ABIN6989149
anti-STK24 antibody (pThr178)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	STK24
Binding Specificity:	pThr178
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STK24 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthesised phosphopeptide derived from human MST3 around the phosphorylation site of Thr178
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Sheep,Horse
Purification:	Purified by Protein A.

Target Details

Target:	STK24
Alternative Name:	MST3 (STK24 Products)
Background:	<p>Synonyms: MST3 (phospho T178), p-MST3 (phospho T178), Kinase responsive to stress 1, KRS1, Mammalian STE20 like protein kinase 2, Mammalian sterile 20-like 2, Mess1, MST, MST-2, MST2, Mst3, Serine/threonine kinase 3 (STE20 homolog, yeast), Serine/threonine kinase 3 (Ste20, yeast homolog), Serine/threonine protein kinase 3, Serine/threonine protein kinase Krs1, STE20 like kinase MST2.</p> <p>Background: Serine/threonine-protein kinase that acts on both serine and threonine residues and promotes apoptosis in response to stress stimuli and caspase activation. Mediates oxidative-stress-induced cell death by modulating phosphorylation of JNK1-JNK2 (MAPK8 and MAPK9), p38 (MAPK11, MAPK12, MAPK13 and MAPK14) during oxidative stress. Plays a role in a staurosporine-induced caspase-independent apoptotic pathway by regulating the nuclear translocation of AIFM1 and ENDOG and the DNase activity associated with ENDOG.</p> <p>Phosphorylates STK38L on 'Thr-442' and stimulates its kinase activity. Regulates cellular migration with alteration of PTPN12 activity and PXN phosphorylation: phosphorylates PTPN12 and inhibits its activity and may regulate PXN phosphorylation through PTPN12. May act as a key regulator of axon regeneration in the optic nerve and radial nerve.</p>
Gene ID:	8428
UniProt:	Q9Y6E0

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
---------	--------

Handling

Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months