

Anti-STK24 / MST3 Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18513**Specification**

Anti-STK24 / MST3 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	Q9Y6E0
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	49308

Anti-STK24 / MST3 Antibody - Additional Information**Gene ID** 8428**Alias Symbol** STK24**Other Names**

STK24, MST-3, MST3, Serine/threonine kinase 24, STE20-like kinase 3, STE20-like kinase MST3, MST3B, STE20, Sterile 20-like kinase 3

Target/Specificity

Human STK24 / MST3

Reconstitution & Storage

Caprylic acid and ammonium sulfate precipitation

Precautions

Anti-STK24 / MST3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-STK24 / MST3 Antibody - Protein Information**Name** STK24**Synonyms** MST3, STK3**Function**

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. Phosphorylates STK38L on 'Thr-442' and stimulates its kinase activity. In association with STK26 negatively regulates Golgi reorientation in polarized cell migration upon RHO activation (PubMed:27807006). Regulates also 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.

Cellular Location

Cytoplasm. Nucleus. Membrane. Note=The truncated form (MST3/N) translocates to the nucleus. Colocalizes with STK38L in the membrane

Tissue Location

Isoform A is ubiquitous. Isoform B is expressed in brain with high expression in hippocampus and cerebral cortex

Anti-STK24 / MST3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-STK24 / MST3 Antibody - Images