

Rabbit anti-Human STK24 Polyclonal Antibody | anti-STK24 antibody

STK24 Antibody

CATALOG # AAA304251	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

STK24; Polyclonal Antibody; STK24 Antibody; EC 2.7.11.1; STE20-like kinase MST3; MST-3; Mammalian STE20-like protein kinase 3; anti-STK24 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total STK24 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	431
Applicable Applications for anti-STK24 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human STK24.
Target Name	STK24
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using STK24 antibody.



WB (Western Blot)

Western blot analysis of extracts from COLO cells, using STK24 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-STK24 antibody	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. 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.Schinkmann K., J. Biol. Chem. 272:28695-28703(1997).Zhou T.-H., J. Biol. Chem. 275:2513-2519(2000).Dunham A., Nature 428:522-528(2004).
Product Categories/Family for anti-STK24 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	110349738
NCBI GeneID	8428
NCBI Accession #	NP_001027467.2
NCBI GenBank Nucleotide #	NM_001032296.3
UniProt Accession #	Q9Y6E0; O14840; Q5JV92
Molecular Weight	47,913 Da
NCBI Official Full Name	serine/threonine-protein kinase 24 isoform b
NCBI Official Synonym Full Names	serine/threonine kinase 24
NCBI Official Symbol	STK24
NCBI Official Synonym Symbols	MST3; STK3; MST3B; STE20; HEL-S-95
NCBI Protein Information	serine/threonine-protein kinase 24
UniProt Protein Name	Serine/threonine-protein kinase 24
UniProt Gene Name	STK24
UniProt Synonym Gene Names	MST3; STK3; MST-3; MST3/N; MST3/C
UniProt Entry Name	STK24_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/stk24-antibody-immunohistochemistry-western-blot-elisa/304251>