

Rabbit anti-Human MST3 Polyclonal Antibody | anti-STK24 antibody

MST3 Antibody (C-term)

CATALOG # AAA288481	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

MST3; Polyclonal Antibody; MST3 Antibody (C-term); Serine/threonine-protein kinase 24; Mammalian STE20-like protein kinase 3; MST-3; STE20-like kinase MST3; Serine/threonine-protein kinase 24 36 kDa subunit; Mammalian STE20-like protein kinase 3 N-terminal; MST3/N; Serine/threonine-protein kinase 24 12 kDa subunit; Mammalian STE20-like protein kinase 3 C-terminal; MST3/C; STK24; STK3; anti-STK24 antibody

PRODUCT SPECIFICATIONS

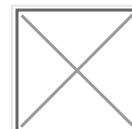
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MST3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 345-374 amino acids from the C-terminal region of human MST3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	345-374
Sequence Length	431
Applicable Applications for anti-STK24 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)

Western blot analysis of MST3 Antibody (C-term) in HepG2 cell line lysates (35ug/lane). MST3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-STK24 antibody	The yeast 'Sterile 20' gene (STE20) functions upstream of the mitogen-activated protein kinase (MAPK) cascade. In mammals, protein kinases related to STE20 can be divided into 2 subfamilies based on their structure and regulation. Members of the PAK subfamily (see PAK3; MIM 300142) contain a C-terminal catalytic domain and an N-terminal regulatory domain that has a CDC42 (MIM 116952)-binding domain. In contrast, members of the GCK subfamily (see MAP4K2; MIM 603166), also called the Sps1 subfamily, have an N-terminal catalytic domain and a C-terminal regulatory domain without a CDC42-binding domain. STK24 belongs to the GCK subfamily of STE20-like kinases (Zhou et al., 2000 [PubMed 10644707]).[supplied by OMIM]
Product Categories/Family for anti-STK24 antibody	Neuroscience; Signal Transduction
References	Huang, C.Y., et al., J. Biol. Chem. 277(37):34367-34374 (2002). Christian, S.L., et al., Genomics 79(5):635-656 (2002). Zhou, T.H., et al., J. Biol. Chem. 275(4):2513-2519 (2000). Schinkmann, K., et al., J. Biol. Chem. 272(45):28695-28703 (1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	110349738
NCBI GeneID	8428
NCBI Accession #	NP_001027467.2; NP_003567.2
NCBI GenBank Nucleotide #	NM_001032296.3
UniProt Accession #	Q9Y6E0; O14840; Q5JV92
Molecular Weight	49308
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/mst3-antibody-immunohistochemistry-western-blot-elisa/288481>