

Rabbit anti-Human MST1,2/STK3,4 Polyclonal Antibody | anti-MST1,2/STK3,4 antibody

Rabbit anti-MST1,2/STK3,4 IHC Antibody, Affinity Purified

CATALOG # AAA214019	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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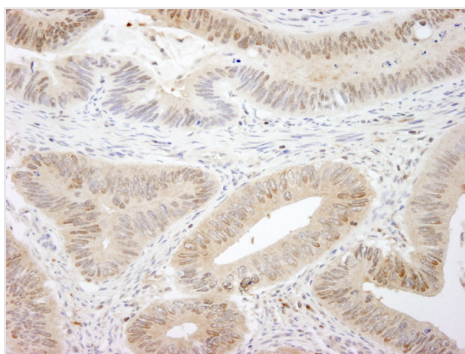
PRODUCT SYNONYMS

MST1; 2/STK3; 4; Polyclonal Antibody; Rabbit anti-MST1; 4 IHC Antibody; Affinity Purified; mammalian STE20-like protein kinase 2; STE20-like kinase MST2; serine/threonine-protein kinase Krs-1; serine/threonine-protein kinase 3; serine/threonine kinase 3 (Ste20; yeast homolog); serine/threonine kinase 3 (STE20 homolog; yeast); MST2; KRS1; KB-1458E12.1; epididymis secretory sperm binding protein; MST-2; Serine/threonine-protein kinase 3; serine/threonine kinase 3; anti-MST1; 4 antibody

PRODUCT SPECIFICATIONS

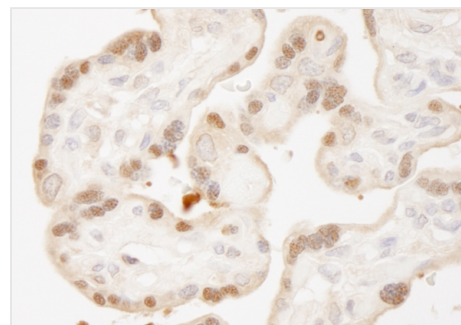
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for anti-MST1,2/STK3,4 antibody	IHC (Immunohistochemistry)
Predicted Reactivity	Mouse, Rat, Zebrafish, X. laevis, X. tropicalis, Turkey, Bovine, Horse, Rabbit, Panda, Orangutan, Monkey, Gorilla, Chimpanzee, Crab-eating macaque, Japanese pufferfish, White-tufted-ear marmoset, Zebra finch, Three-spined stickleback, Naked mole rat, Gray short-tailed opossum, African elephant, Nile tilapia, Chinese hamster, Spotted green pufferfish, Northern white-cheeked gibbon
Immunogen	Between 441 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)

Detection of human MST1,2/STK3,4 by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-MST1,2/STK3,4 (Cat. No. AAA214019) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)

Detection of human MST1,2/STK3,4 by immunohistochemistry. Sample: FFPE section of human placenta. Antibody: Affinity purified rabbit anti-MST1,2/STK3,4 (Cat. No. AAA214019) used at a dilution of 1:250. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-MST1,2/STK3,4 antibody	The sterile 20 (Ste20)-like kinase family acts upstream of mitogen-activated protein kinase (MAPK) pathways and regulates c-Jun N-terminal kinase (JNK), p38 and extracellular signal-regulated kinase (ERK). Ste20-like kinases are involved in a variety of cellular processes which include gene transcription, stress responses, cytoskeletal organization and apoptosis. MST1/STK4 can phosphorylate myelin basic protein and FOXO3, has been identified as a substrate of caspase, and is required to mediate apoptosis in response to various apoptotic stimuli. MST2/STK3 is cleaved by caspase-3 and mediates apoptosis in response to apoptotic signals.
Product Categories/Family for anti-MST1,2/STK3,4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	103471999
NCBI GeneID	6788
NCBI Accession #	NP_006272.2
NCBI GenBank Nucleotide #	NM_006281.3
UniProt Accession #	Q13188; Q15445; Q15801; Q96FM6; A8K722; B3KYA7
Molecular Weight	59,462 Da
NCBI Official Full Name	serine/threonine-protein kinase 3 isoform 1
NCBI Official Synonym Full Names	serine/threonine kinase 3
NCBI Official Symbol	STK3
NCBI Official Synonym Symbols	KRS1; MST2
UniProt Protein Name	Serine/threonine-protein kinase 3
UniProt Gene Name	STK3
UniProt Synonym Gene Names	KRS1; MST2; MST-2; MST2/N; MST2/C

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.