

Rabbit anti-Human, Mouse MST1/STK4 Polyclonal Antibody | anti-MST1/STK4 antibody

Rabbit anti-MST1/STK4 Antibody, Affinity Purified

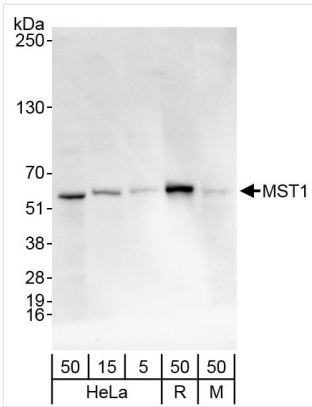
CATALOG # AAA210967	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

MST1/STK4; Polyclonal Antibody; Rabbit anti-MST1/STK4 Antibody; Affinity Purified; serine/threonine-protein kinase Krs-2; MST-1; STE20-like kinase MST1; serine/threonine-protein kinase 4; mammalian sterile 20-like 1; mammalian STE20-like protein kinase 1; kinase responsive to stress 2; KRS2; MST1; YSK3; Serine/threonine-protein kinase 4; serine/threonine kinase 4; anti-MST1/STK4 antibody

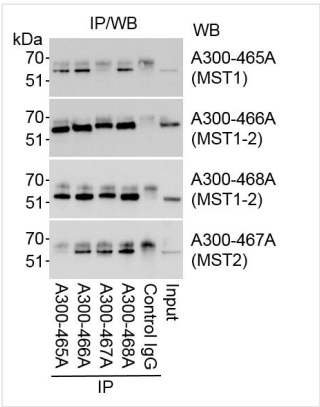
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MST1/STK4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Monkey
Immunogen	Between 400 and 450
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human and mouse MST1 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug), Ramos (R, 50 ug) and mouse NIH 3T3 (M, 50 ug) cells. Antibodies: Affinity purified rabbit anti-MST1 antibody AAA210967 (lot AAA210967-1) used for WB at 1 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of MST1 and MST2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg/IP reaction; 1/4 of reaction loaded/gel) from HeLa cells. Antibodies: Affinity purified rabbit anti-MST1 antibody AAA210967 (lot AAA210967-1) used for IP at 3 ug/mg lysate. MST1 and MST2 were simultaneously immunoprecipitated using MST1-2 antibodies and MST2 was immunoprecipitated using MST2 antibody. Detection: Chemiluminescence with exposure time of 3 seconds. AAA210967 is specific for MST1 and is specific for MST2 as determined by reciprocal IP/WB.

ADDITIONAL INFORMATION

Related Product Information for anti-MST1/STK4 antibody	MST1/STK4 is a member of the sterile 20 (Ste20)-like kinase family that 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 can phosphorylate myelin basic protein and FOXO3. MST1 has been identified as a substrate of caspase and is required to mediate apoptosis in response to various apoptotic stimuli.
Product Categories/Family for anti-MST1/STK4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5454096
NCBI GeneID	6789
NCBI Accession #	NP_006273.1
NCBI GenBank Nucleotide #	NM_006282.2
UniProt Accession #	Q13043; Q15802; Q4G156; Q5H982; Q6PD60; Q9BR32; Q9NTZ4; B2RCR8; Q15452; Q59FZ4; Q5H9T5; Q9BS84
Molecular Weight	55,630 Da
NCBI Official Full Name	serine/threonine-protein kinase 4
NCBI Official Synonym Full Names	serine/threonine kinase 4
NCBI Official Symbol	STK4
NCBI Official Synonym Symbols	KRS2; MST1; YSK3; DKFZp686A2068
NCBI Protein Information	serine/threonine-protein kinase 4; MST-1; OTTHUMP00000043418; OTTHUMP00000063226; STE20-like kinase MST1; mammalian sterile 20-like 1; kinase responsive to stress 2; mammalian STE20-like protein kinase 1; serine/threonine-protein kinase Krs-2; dJ211D12.2
UniProt Protein Name	Serine/threonine-protein kinase 4
UniProt Gene Name	STK4

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/mst1-stk4-antibody-immunoprecipitation-western-blot-elisa/210967>