

Rabbit MST4 Polyclonal Antibody | anti-STK26 antibody

MST4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329075	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Zebrafish(88%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%), Xenopus(100%)	ELISA

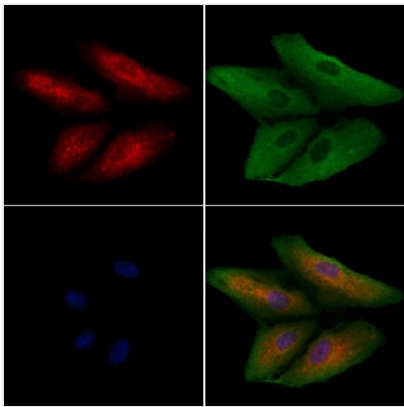
PRODUCT SYNONYMS

MST4; Polyclonal Antibody; MST4 Antibody; 2610018G03Rik; EC 2.7.11.1; Mammalian Ste20 like protein kinase 4; Mammalian STE20-like protein kinase 4; Mammalian sterile 20 like 4; MASK; MST 4; MST-4; MST3 and SOK1 related kinase; Mst3 and SOK1-related kinase; Mst4; MST4_HUMAN; RGD1563568; RP23-245F8.1; RP6 213H19.1; Serine/threonine protein kinase 26; Serine/threonine protein kinase MASK; Serine/threonine protein kinase MST 4; Serine/threonine protein kinase MST4; Serine/threonine-protein kinase MASK; Serine/threonine-protein kinase MST4; STE20 like kinase MST 4; STE20 like kinase MST4; STE20-like kinase MST4; STK26; anti-STK26 antibody

PRODUCT SPECIFICATIONS

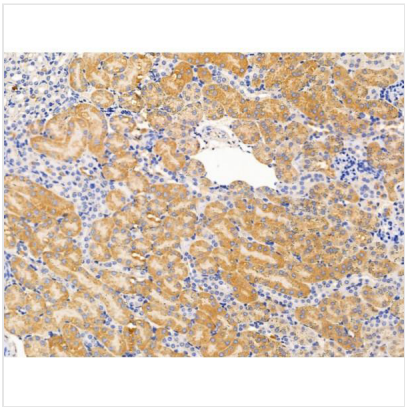
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Zebrafish(88%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%), Xenopus(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	MST4 Antibody detects endogenous levels of total MST4.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	354
Applicable Applications for anti-STK26 antibody	ELISA
Immunogen	A synthesized peptide derived from human MST4, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



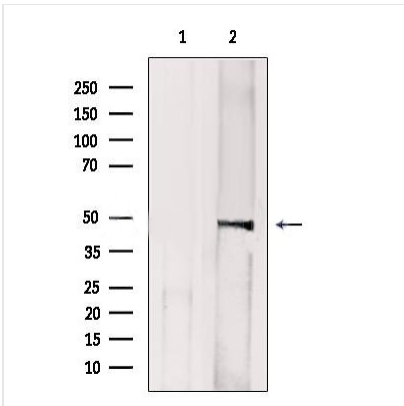
IF (Immunofluorescence)

AAA329075 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25Å°C. Samples were then incubated with primary Ab(AAA329075) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37Å°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



IHC (Immunohistochemistry)

AAA329075 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Å°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Rat brain, using MST4 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-STK26 antibody

Function: Mediator of cell growth (PubMed:11641781, PubMed:17360971). Modulates apoptosis (PubMed:11641781, PubMed:17360971). In association with STK24 negatively regulates Golgi reorientation in polarized cell migration upon RHO activation (PubMed:27807006).

Subcellular Location: Cytoplasm. Golgi apparatus. Note: Colocalized with RIPOR1 in the Golgi of serum-starved cells and relocated to cytoplasmic punctae, probably vesicular compartments, along with RIPOR1 upon serum stimulation in a Rho- and PDCD10-dependent manner (PubMed:27807006).

Subunit Structure: Homodimer (PubMed:20730082). Interacts with PDCD10 (PubMed:17360971, PubMed:19370760, PubMed:20332113). Interacts with GOLGA2 (PubMed:15037601, PubMed:20332113). Interacts with CTTNBP2NL (PubMed:18782753). Interacts with RIPOR1 (via C-terminus); this interaction occurs in a PDCD10-dependent and Rho-independent manner (PubMed:27807006). Interacts with PDCD10; this interaction is required for the association of STK26 with RIPOR1 (PubMed:27807006).

Similarity: Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	109633026
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NCBI GeneID	51765
NCBI Accession #	NP_001035917.1
NCBI GenBank Nucleotide #	NP_001035917.1
UniProt Accession #	Q9P289
Molecular Weight	Observed Molecular Weight: (Observed)46kD. Predicted Molecular Weight: (Calculated)47kDa.
NCBI Official Full Name	serine/threonine-protein kinase 26 isoform 3
NCBI Official Synonym Full Names	serine/threonine kinase 26
NCBI Official Symbol	STK26
NCBI Official Synonym Symbols	MASK; MST4
NCBI Protein Information	serine/threonine-protein kinase 26
UniProt Protein Name	Serine/threonine-protein kinase MST4
UniProt Gene Name	MST4
UniProt Synonym Gene Names	MASK; MST-4
UniProt Entry Name	MST4_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/mst4-antibody-elisa/329075>