

Rabbit anti-Human MST1 Polyclonal Antibody | anti-MST1 antibody

MST1 Antibody, Rabbit PAb, Antigen Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258632	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, ELISA, Western Blot

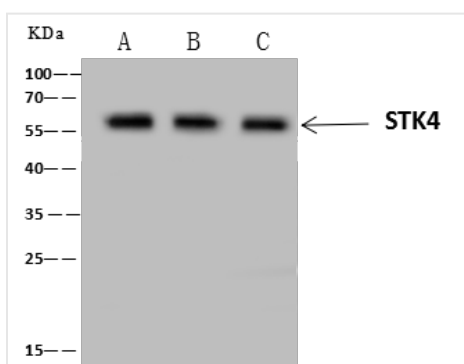
PRODUCT SYNONYMS

MST1; Polyclonal Antibody; MST1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-KRS2 Antibody; Anti-MST1 Antibody; Anti-TIIAC Antibody; Anti-YSK3 Antibody; anti-MST1 antibody

PRODUCT SPECIFICATIONS

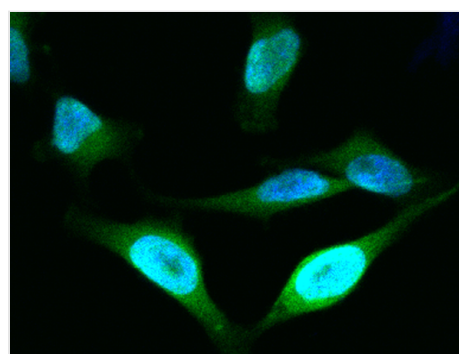
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human MST1
Applicable Applications for anti-MST1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, WB (Western Blot)
Preparation	Produced in rabbits immunized with purified, recombinant Human MST1 (rh MST1;Q13043-1; Glu2-Phe487). MST1 specific IgG was purified by Human MST1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



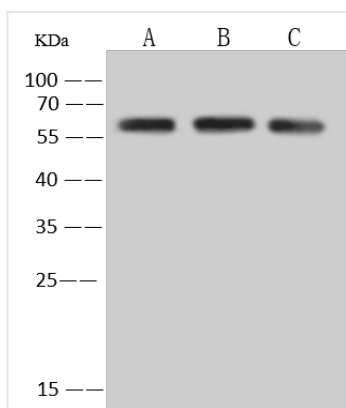
IP (Immunoprecipitation)

STK4 was immunoprecipitated using;; Lane A:0.5 mg Jurkat Whole Cell Lysate; Lane B:0.5 mg HeLa Whole Cell Lysate; Lane C:0.5 mg HepG2 Whole Cell Lysate; 4 uL anti-STK4 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G.; Primary antibody;; Anti-STK4 rabbit polyclonal antibody,at 1:100 dilution; Secondary antibody;; Clean-Blot IP Detection Reagent (HRP) at 1:1000dilution; Developed using the ECL technique.; Performed under reducing conditions.; Predicted band size: 58 kDa; Observed band size :58 kDa



IF (Immunofluorescence)

Immunofluorescence staining of His-STK4 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human His-STK4 polyclonal antibody (dilution ratio 1:100) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to Nucleus.



WB (Western Blot)

Anti-STK4 rabbit polyclonal antibody at 1:500 dilution; Lane A: Jurkat Whole Cell Lysate; Lane B: HeLa Whole Cell Lysate; Lane C: HepG2 Whole Cell Lysate; Lysates/proteins at 30 ug per lane.; Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution; Developed using the ECL technique.; Performed under reducing conditions.; Predicted band size:56 kDa; Observed band size:56 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MST1 antibody	Dysregulation of MST1/STK4, a key kinase component of the Hippo-YAP pathway, is linked to the etiology of many cancers with poor prognosis. STK4/Hippo pathway may have important therapeutic implications for cancer. The tumor suppressor serine/threonine-protein kinase 4 (STK4) differentially regulates TLR3/4/9-mediated inflammatory responses in macrophages and thereby is protective against chronic inflammation-associated Hepatocellular carcinoma (HCC). STK4 has potential as a test biomarker and therapeutic target for inflammation-induced HCC.
Product Categories/Family for anti-MST1 antibody	Apoptosis ; Drug Targets

NCBI AND UNIPROT INFORMATION

NCBI GI #	13124559
NCBI GeneID	6789
UniProt Accession #	Q13043 ; Q15802 ; Q4G156 ; Q5H982 ; Q6PD60 ; Q9BR32 ; Q9NTZ4 ; B2RCR8
Molecular Weight	52,335 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
NCBI Protein Information	serine/threonine-protein kinase 4
UniProt Protein Name	Serine/threonine-protein kinase 4
UniProt Gene Name	STK4
UniProt Synonym Gene Names	KRS2; MST1; MST-1; MST1/N; MST1/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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mst1-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/258632>