

Rabbit MAST2 Polyclonal Antibody | anti-MAST2 antibody

MAST2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324018	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

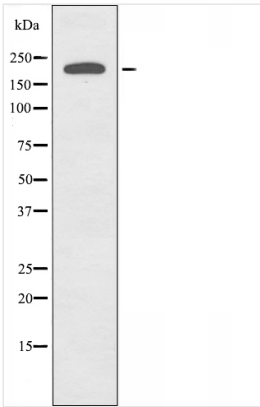
PRODUCT SYNONYMS

MAST2; Polyclonal Antibody; MAST2 Antibody; EC 2.7.11.1 3; FLJ39200; KIAA0807; MAST 2; MAST 205; Mast2; MAST2_HUMAN; Microtubule associated serine/threonine kinase 2; Microtubule associated testis specific serine/threonine protein kinase; Microtubule-associated serine/threonine-protein kinase 2; MTSSK; OTTHUMP00000009697 2; OTTHUMP00000046616; RP4 533D7.1; RP4-533D7.1 2; anti-MAST2 antibody

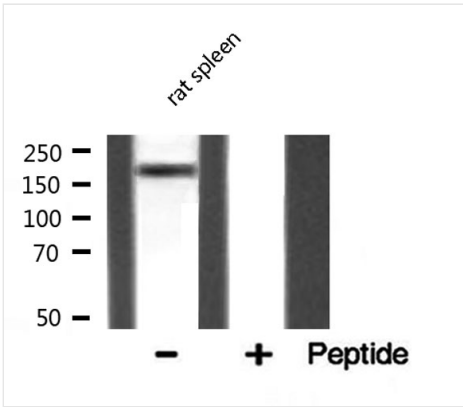
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MAST2 antibody detects endogenous levels of total MAST2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1797
Applicable Applications for anti-MAST2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm > Cytoskeleton. Cell Membrane. Recruited to the sub-membranous area on interaction with CDHR2.
Tissue Specificity	Abundant in the testis.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

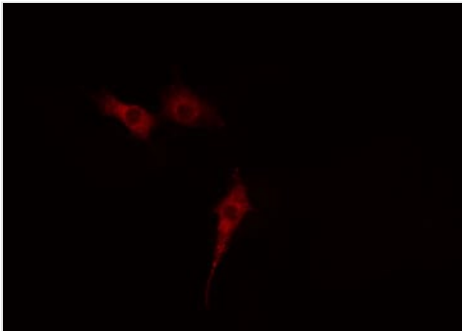
IMAGES



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using MAST2 antibody.



WB (Western Blot)
Western blot analysis of MAST2 expression in Rat spleen lysate



IF (Immunofluorescence)
AAA324018 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MAST2 antibody

Function: Appears to link the dystrophin/utrophin network with microtubule filaments via the syntrophins. Phosphorylation of DMD or UTRN may modulate their affinities for associated proteins. Functions in a multi-protein complex in spermatid maturation. Regulates lipopolysaccharide-induced IL-12 synthesis in macrophages by forming a complex with TRAF6, resulting in the inhibition of TRAF6 NF-kappa-B activation (By similarity).
Subunit Structure: Interacts with CDHR2.
Post-translational Modifications: Phosphorylated and ubiquitinated. N-terminal ubiquitination leads to degradation of MAST2 by proteasome-mediated proteolysis. N-terminal phosphorylation appears to be a prerequisite for ubiquitination (By similarity).
Similarity: Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	984880675
NCBI GeneID	23139
NCBI Accession #	NP_001306174.1
NCBI GenBank Nucleotide #	NM_001319245.1
UniProt Accession #	Q6P0Q8; O94899; Q5VT07; Q5VT08; Q7LGC4; Q8NDG1; Q96B94; Q9BYE8
Molecular Weight	Observed: 196 kD Predicted: 197 kDa

NCBI Official Full Name	microtubule-associated serine/threonine-protein kinase 2 isoform 2
NCBI Official Synonym Full Names	microtubule associated serine/threonine kinase 2
NCBI Official Symbol	MAST2
NCBI Official Synonym Symbols	MTSSK; MAST205
NCBI Protein Information	microtubule-associated serine/threonine-protein kinase 2
UniProt Protein Name	Microtubule-associated serine/threonine-protein kinase 2
UniProt Gene Name	MAST2

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/mast2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324018>