

Rabbit anti-Human CLASP1 Polyclonal Antibody | anti-CLASP1 antibody

CLASP1 Antibody

CATALOG # AAA305247	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CLASP1; Polyclonal Antibody; CLASP1 Antibody; CLAP1; MAST1; Multiple asters 1; anti-CLASP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CLASP1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1479
Applicable Applications for anti-CLASP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CLASP1.
Target Name	CLASP1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human testis tissue, using CLASP1 antibody.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using CLASP1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CLASP1 antibody	Microtubule plus-end tracking protein that promotes the stabilization of dynamic microtubules. Involved in the nucleation of noncentrosomal microtubules originating from the trans-Golgi network (TGN). Required for the polarization of the cytoplasmic microtubule arrays in migrating cells towards the leading edge of the cell. May act at the cell cortex to enhance the frequency of rescue of depolymerizing microtubules by attaching their plus-ends to cortical platforms composed of ERC1 and PHLDB2. This cortical microtubule stabilizing activity is regulated at least in part by phosphatidylinositol 3-kinase signaling. Also performs a similar stabilizing function at the kinetochore which is essential for the bipolar alignment of chromosomes on the mitotic spindle.Maiato H., Submitted (FEB-2001) to the EMBL/GenBank/DDBJ databases.Hillier L.W., Nature 434:724-731(2005).Akhmanova A., Cell 104:923-935(2001).
Product Categories/Family for anti-CLASP1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	214010173
NCBI GeneID	23332
NCBI Accession #	NP_001135745.1
NCBI GenBank Nucleotide #	NM_001142273.1
UniProt Accession #	Q7Z460; O75118; Q2KHQ9; Q5H9P0; Q8N5B8; Q9BQT5; A2RU21; B7ZLX3; F5GWS0
Molecular Weight	162,914 Da
NCBI Official Full Name	CLIP-associating protein 1 isoform 2
NCBI Official Synonym Full Names	cytoplasmic linker associated protein 1
NCBI Official Symbol	CLASP1
NCBI Official Synonym Symbols	MAST1
NCBI Protein Information	CLIP-associating protein 1
UniProt Protein Name	CLIP-associating protein 1
UniProt Gene Name	CLASP1
UniProt Synonym Gene Names	KIAA0622; MAST1; hOrbit1
UniProt Entry Name	CLAP1_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/clasp1-antibody-immunohistochemistry-western-blot-elisa/305247>