

Rabbit CLASP2 Polyclonal Antibody | anti-CLASP2 antibody

CLASP2 Antibody (Y1019)

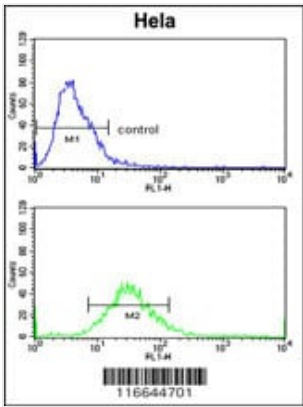
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287010	Rabbit	Human, mouse (Predicted Reactivity: Rat)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

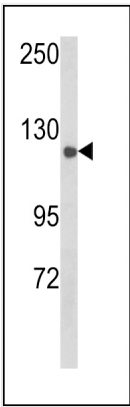
CLASP2; Polyclonal Antibody; CLASP2 Antibody (Y1019); CLIP-associating protein 2; Cytoplasmic linker-associated protein 2; Protein Orbit homolog 2; hOrbit2; KIAA0627; anti-CLASP2 antibody

PRODUCT SPECIFICATIONS

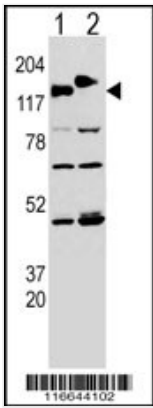
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CLASP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 998-1026 amino acids from human CLASP2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.49 (varies by lot)
Sequence Positions	998-1026
Sequence Length	1294
Applicable Applications for anti-CLASP2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CLASP2 Antibody (Y1019) flow cytometric analysis of HeLa cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of CLASP2 Antibody (Y1019) in mouse spleen tissue lysates (35ug/lane). CLASP2 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of CLASP (arrow) using rabbit polyclonal CLASP Antibody (Y1019). 293 cell lysates transfected with the ACADL gene (Lane 1) and with the GFP-CLASP (Lane 2).

ADDITIONAL INFORMATION

Related Product Information for anti-CLASP2 antibody	CLASP2 is microtubule plus-end tracking protein that promotes the stabilization of dynamic microtubules. 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.
Product Categories/Family for anti-CLASP2 antibody	Cell Biology; Signal transduction
References	Inkster,B., et.al., Neuroimage (2010) In press.

NCBI AND UNIPROT INFORMATION

NCBI GI #	333440451
NCBI GeneID	23122
NCBI Accession #	NP_001193973.1; NP_055912.2
NCBI GenBank Nucleotide #	NM_001207044.1
UniProt Accession #	O75122; Q7L8F6; Q8N6R6; Q9BQT3; Q9BQT4; Q9H7A3; Q9NSZ2; B2RTR1; F5H604

Molecular Weight	141133
NCBI Official Full Name	CLIP-associating protein 2 isoform 2
NCBI Official Synonym Full Names	cytoplasmic linker associated protein 2
NCBI Official Symbol	CLASP2
NCBI Protein Information	CLIP-associating protein 2
UniProt Protein Name	CLIP-associating protein 2
UniProt Gene Name	CLASP2
UniProt Synonym Gene Names	KIAA0627; hOrbit2
UniProt Entry Name	CLAP2_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/clasp2-antibody-flow-cytometry-western-blot-elisa/287010>