10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CLIP1 Antibody

Rabbit polyclonal antibody to CLIP1
Catalog # AP59694

Product Information

Application	WB, IP
Primary Accession	P30622
Other Accession	Q922J3
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	162246

Additional Information

Gene ID	6249
Other Names	CYLN1; RSN; CAP-Gly domain-containing linker protein 1; Cytoplasmic linker protein 1; Cytoplasmic linker protein 170 alpha-2; CLIP-170; Reed-Sternberg intermediate filament-associated protein; Restin
Target/Specificity	Recognizes endogenous levels of CLIP1 protein.
Dilution	WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100) IP~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

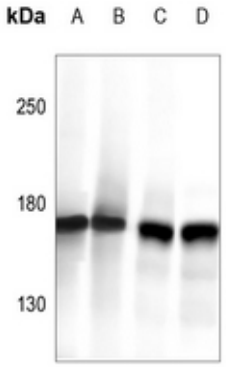
Name	CLIP1
Synonyms	CYLN1, RSN
Function	Binds to the plus end of microtubules and regulates the dynamics of the microtubule cytoskeleton. Promotes microtubule growth and microtubule bundling. Links cytoplasmic vesicles to microtubules and thereby plays an important role in intracellular vesicle trafficking. Plays a role macropinocytosis and endosome trafficking.
Cellular Location	Cytoplasm. Cytoplasm, cytoskeleton. Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection, ruffle. Note=Localizes to microtubule plus ends (PubMed:17889670, PubMed:21646404). Localizes preferentially to the ends of tyrosinated microtubules (By similarity). Accumulates in plasma membrane regions with

	ruffling and protrusions. Associates with the membranes of intermediate macropinocytic vesicles (PubMed:12433698) {ECO:0000250|UniProtKB:Q922J3, ECO:0000269|PubMed:12433698, ECO:0000269|PubMed:17889670, ECO:0000269|PubMed:21646404}
Tissue Location	Detected in dendritic cells (at protein level). Highly expressed in the Reed-Sternberg cells of Hodgkin disease

Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CLIP1. The exact sequence is proprietary.

Images



Western blot analysis of CLIP1 expression in MEF (A), COS7 (B), HepG2 (C), MCF7 (D) whole cell lysates.