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Goat anti-Restin / CLIP1, Biotinylated Antibody

Peptide-affinity purified goat antibody
Catalog # AF4480a

Product Information

Application	WB, Pep-ELISA
Primary Accession	P30622
Other Accession	NP_002947.1, NP_937883.1
Reactivity	Human, Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Clone Names	CLIP1
Calculated MW	162246

Additional Information

Gene ID	6249
Other Names	CLIP1; CAP-GLY domain containing linker protein 1; CLIP; CLIP-170; CLIP170; CYLN1; MGC131604; RSN; Reed-Steinberg cell-expressed intermediate filament-associated protein; cytoplasmic linker 1; restin; restin (Reed-Steinberg cell-expressed intermediate fil
Dilution	WB~~1:1000 Pep-ELISA~~N/A
Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Immunogen	This antibody is expected to recognize both reported isoforms (NP_002947.1; NP_937883.1).
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-Restin / CLIP1, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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