

# Goat anti-Restin / CLIP1, Biotinylated Antibody

Peptide-affinity purified goat antibody  
Catalog # AF4480a

## Product Information

---

<b>Application</b>	WB, Pep-ELISA
<b>Primary Accession</b>	<a href="#">P30622</a>
<b>Other Accession</b>	<a href="#">NP_002947.1</a> , <a href="#">NP_937883.1</a>
<b>Reactivity</b>	Human, Mouse, Rat, Pig, Dog
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Clone Names</b>	CLIP1
<b>Calculated MW</b>	162246

## Additional Information

---

<b>Gene ID</b>	6249
<b>Other Names</b>	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
<b>Dilution</b>	WB~~1:1000 Pep-ELISA~~N/A
<b>Format</b>	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.
<b>Immunogen</b>	This antibody is expected to recognize both reported isoforms (NP_002947.1; NP_937883.1).
<b>Storage</b>	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.
<b>Precautions</b>	Goat anti-Restin / CLIP1, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	CLIP1
<b>Synonyms</b>	CYLN1, RSN
<b>Function</b>	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 in 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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.