



# CLIP-170 Polyclonal Antibody

<b>Catalog No</b>	BYab-03102
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	CLIP1
<b>Protein Name</b>	CAP-Gly domain-containing linker protein 1
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CLIP1. AA range:1291-1340
<b>Specificity</b>	CLIP-170 Polyclonal Antibody detects endogenous levels of CLIP-170 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CLIP1; 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
<b>Observed Band</b>	161kD
<b>Cell Pathway</b>	Cytoplasm . Cytoplasm, cytoskeleton . Cytoplasmic vesicle membrane ; Peripheral membrane protein; Cytoplasmic side. Cell projection, ruffle . Localizes to microtubule plus ends (PubMed:21646404, PubMed:17889670). 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). .
<b>Tissue Specificity</b>	Detected in dendritic cells (at protein level). Highly expressed in the Reed-Sternberg cells of Hodgkin disease.
<b>Function</b>	function:Seems to be a intermediate filament associated protein that links endocytic vesicles to microtubules.,similarity:Contains 2 CAP-Gly domains.,subcellular location:Associated with the cytoskeleton.,tissue specificity:Highly expressed in the Reed-Sternberg cells of Hodgkin's disease.,

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**Background**

The protein encoded by this gene links endocytic vesicles to microtubules. This gene is highly expressed in Reed-Sternberg cells of Hodgkin disease. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],

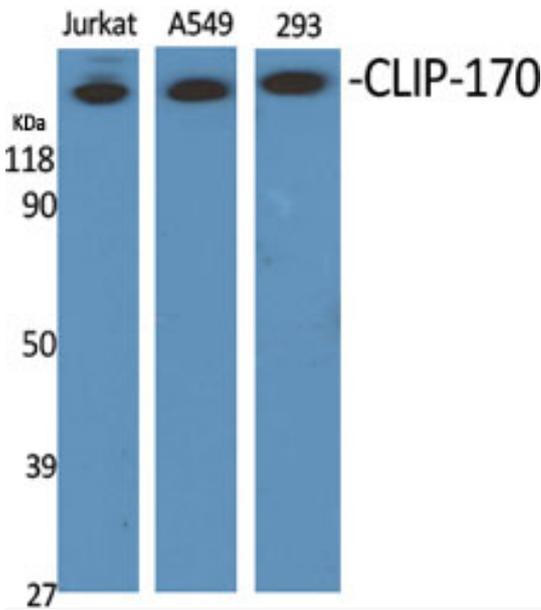
**matters needing attention**

Avoid repeated freezing and thawing!

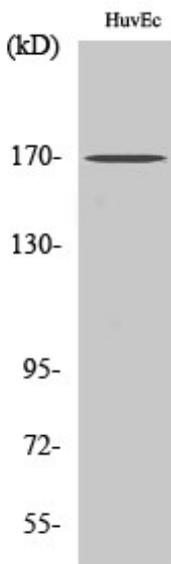
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

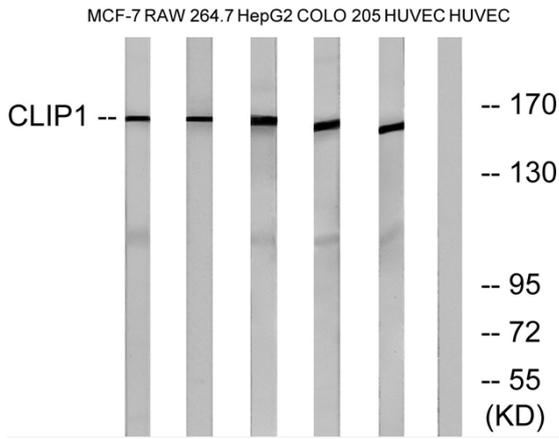


Western Blot analysis of various cells using CLIP-170 Polyclonal Antibody



Western Blot analysis of RAW264.7 cells using CLIP-170 Polyclonal Antibody

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Western blot analysis of lysates from HUVEC, COLO, MCF-7, HepG2, and RAW264.7 cells, using CLIP1 Antibody. The lane on the right is blocked with the synthesized peptide.