



# CLIP-170 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-03102                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>                   | CLIP1                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <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>                    | CAP-Gly domain-containing linker protein 1;CLIP-170;CYLN1;Cytoplasmic linker protein 170 alpha-2;Reed-Sternberg intermediate filament-associated protein; CLIP1;RSN;Cytoplasmic linker protein 1;Restin                                                                                                                                                                                                                                                                 |
| <b>Observed Band</b>               | 161kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Calculated Molecular Weight</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.,

#### 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],

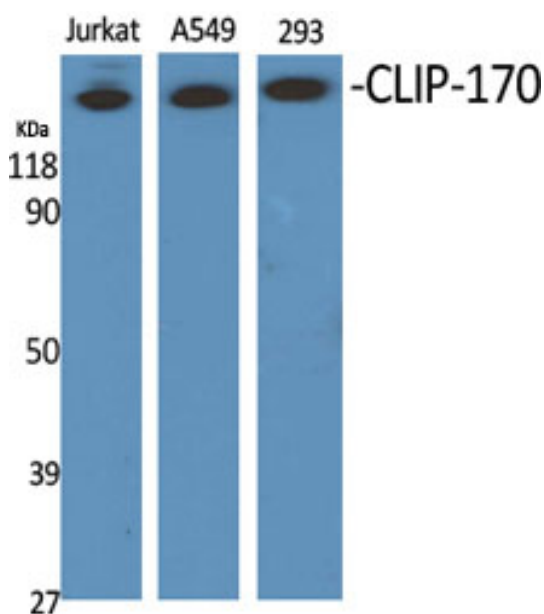
#### matters needing attention

Avoid repeated freezing and thawing!

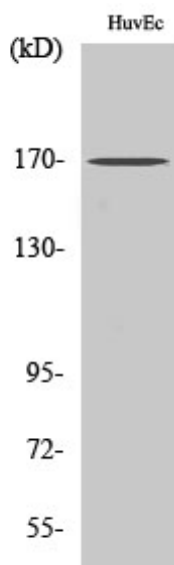
#### Usage suggestions

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

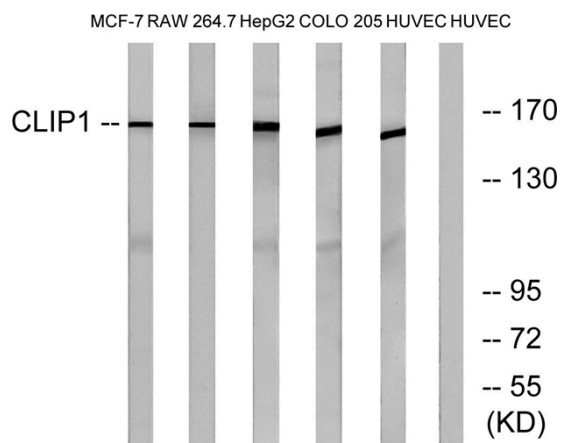
### Products Images



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



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



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.