

Datasheet for ABIN499641
anti-CLIP1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 0.1 mg |
| Target: | CLIP1 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CLIP1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA) |

Product Details

| | |
|---------------|--|
| Immunogen: | CLIP170 antibody was raised against a 17 amino acid peptide from near the carboxy terminus of human CLIP170. |
| Isotype: | IgG |
| Specificity: | This antibody reacts to CLIP170. |
| Purification: | Affinity chromatography purified via peptide column |

Target Details

| | |
|-------------------|--|
| Target: | CLIP1 |
| Alternative Name: | CLIP1 / Restin (CLIP1 Products) |
| Background: | CLIP170 was initially identified as a new type of intermediate filament associated protein that is |

Target Details

highly expressed in Reed-Sternberg cells, the tumoral cells diagnostic for Hodgkin's disease. Later experiments showed that it is located at microtubule plus ends and is required for the binding of endocytic carrier vesicles. CLIP170 has also been suggested to act with LIS1, a protein implicated in brain development, to regulate dynein/dynactin binding microtubules. Other studies suggest that CLIP170 can influence the formation of lamellipodia and cell invasion by invasive breast cancer cells by regulating the release of kinesin and IQGAP1 from a complex of those proteins, CLIP170 and Rac1. At least two isoforms of CLIP170 are known to exist. Synonyms: CAP-Gly domain-containing linker protein 1, CLIP-170, CYLN1, Cytoplasmic linker protein 1, Cytoplasmic linker protein 170 alpha-2, RSN, Reed-Sternberg intermediate filament-associated protein

Gene ID: 6249

NCBI Accession: [NP_002947](#)

UniProt: [P30622](#)

Pathways: [Microtubule Dynamics](#)

Application Details

Application Notes: ELISA. Western Blot: CLIP170 antibody can be used for detection of CLIP170 at 0.5 - 1 µg/mL. Immunofluorescence. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

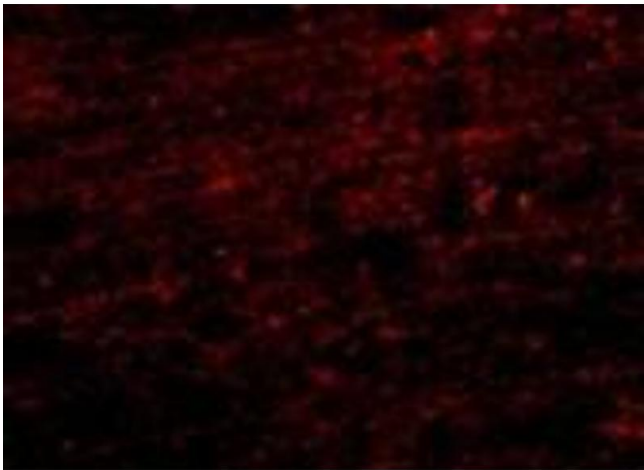
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

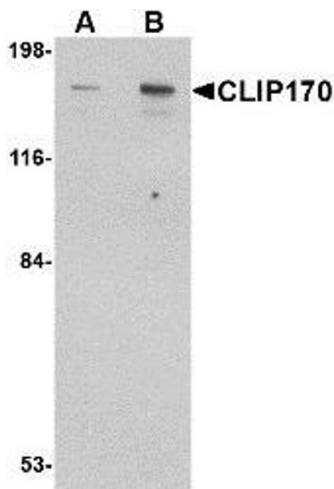
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunofluorescence

Image 1. Immunofluorescence of CLIP170 in human brain tissue with AP30237PU-N CLIP170 antibody at 20 µg/ml.



Western Blotting

Image 2. Western blot analysis of CLIP170 in rat brain tissue lysate with AP30237PU-N CLIP170 antibody at (A) 0.5 and (B) 1 µg/ml.