

CLIP170 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253898

Unit: 0.1 mg

Description:

CLIP170 was initially identified as a new type of intermediate filament associated protein that is 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.

Isotype: Rabbit Ig

Applications: E, IF, WB

Species Reactivity: H, M, R

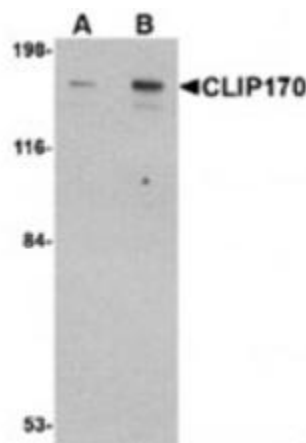
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: CLIP170; CAP-Gly domain-containing linker protein 1; CLIP; CYLN1; Restin; RSN

Accession No.: NP_002947

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CLIP170.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IF: 1:100-1:500



Western blot analysis of CLIP170 in rat brain tissue lysate with CLIP170 Antibody (Cat. No. 253898) at (A) 0.5 and (B) 1 ug/mL.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.