

# CLIP170 Antibody

Catalog No: #24708

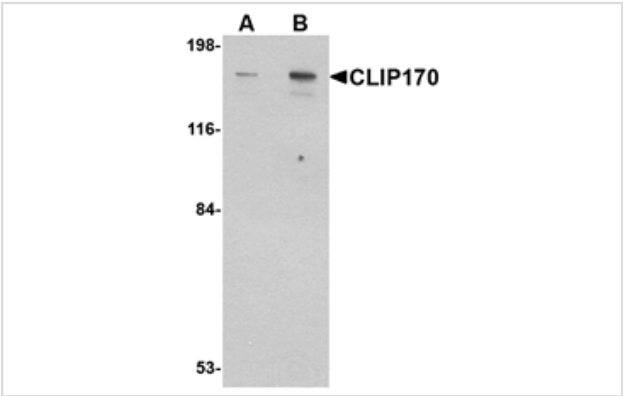


Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

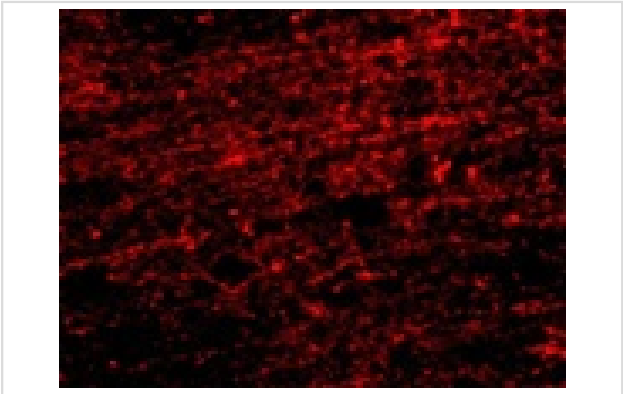
## Description

Product Name	CLIP170 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide from near the carboxy terminus of human CLIP170.
Target Name	CLIP170
Other Names	CAP-Gly domain-containing linker protein 1, CLIP, CYLN1, Restin, RSN
Accession No.	Swiss-Prot:P30622Gene ID:6249
Uniprot	P30622
GeneID	6249;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

## Images



Western blot analysis of CLIP170 in rat brain tissue lysate with CLIP170 antibody at (A) 0.5 and (B) 1 ug/mL.



Immunofluorescence of CLIP170 in human brain tissue with CLIP170 antibody at 20 ug/mL.

## Background

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.

Note: This product is for in vitro research use only