Best Tools for immunology Research

CLIP-170 Polyclonal Antibody

Catalog No :	YT0968
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	CLIP-170
Fields :	>>mTOR signaling pathway
Gene Name :	CLIP1
Protein Name :	CAP-Gly domain-containing linker protein 1
Human Gene Id :	6249
Human Swiss Prot No :	P30622
Mouse Gene Id :	56430
Mouse Swiss Prot No :	Q922J3
Immunogen :	The antiserum was produced against synthesized peptide derived from human CLIP1. AA range:1291-1340
Specificity :	CLIP-170 Polyclonal Antibody detects endogenous levels of CLIP-170 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 161kD

Cell Pathway : Regulation of Microtubule Dynamics

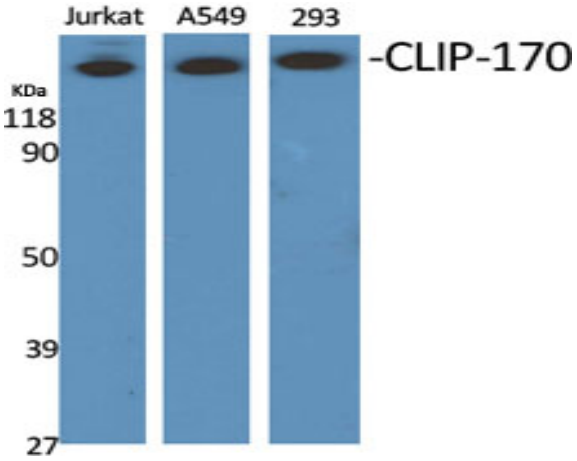
Background : The protein encoded by this gene links endocytic vesicles to microtubules. This gene is highly expressed in Reed-Sternberg cells of Hodgkin disease. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],

Function : 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.,

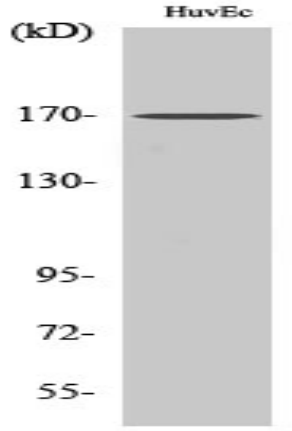
Subcellular Location : Cytoplasm . Cytoplasm, cytoskeleton . Cytoplasmic vesicle membrane ; Peripheral membrane protein; Cytoplasmic side. Cell projection, ruffle . Localizes to microtubule plus ends (PubMed:21646404, PubMed:17889670). Localizes preferentially to the ends of tyrosinated microtubules (By similarity). Accumulates in plasma membrane regions with ruffling and protrusions. Associates with the membranes of intermediate macropinocytic vesicles (PubMed:12433698). .

Expression : Detected in dendritic cells (at protein level). Highly expressed in the Reed-Sternberg cells of Hodgkin disease.

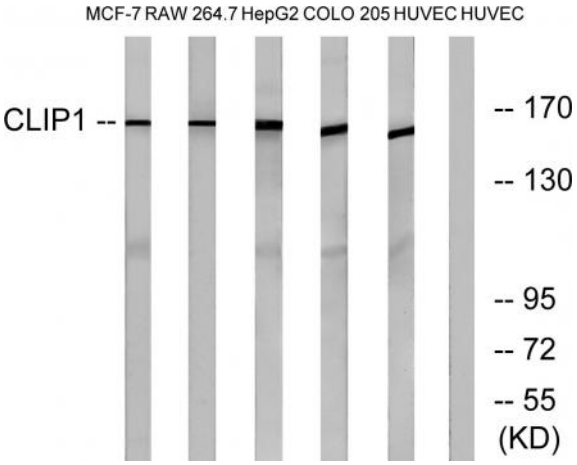
Products Images



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.