

Clipin A Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP53337

Product Information

Application	WB
Primary Accession	P31146
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51026

Additional Information

Gene ID	11151
Other Names	Coronin-1A, Coronin-like protein A, Clipin-A, Coronin-like protein p57, Tryptophan aspartate-containing coat protein, TACO, CORO1A, CORO1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Clipin A. The exact sequence is proprietary.
Dilution	WB~~ 1:500
Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CORO1A
Synonyms	CORO1
Function	May be a crucial component of the cytoskeleton of highly motile cells, functioning both in the invagination of large pieces of plasma membrane, as well as in forming protrusions of the plasma membrane involved in cell locomotion. In mycobacteria-infected cells, its retention on the phagosomal membrane prevents fusion between phagosomes and lysosomes.
Cellular Location	Cytoplasm, cytoskeleton. Cytoplasm, cell cortex. Cytoplasmic vesicle, phagosome membrane. Note=In non-infected macrophages, associated with the cortical microtubule network. In mycobacteria-infected macrophages, becomes progressively relocalized and retained around the mycobacterial phagosomes. Retention on the phagosomal membrane is strictly dependent on mycobacterial viability and not due to impaired acidification (By similarity).

Tissue Location

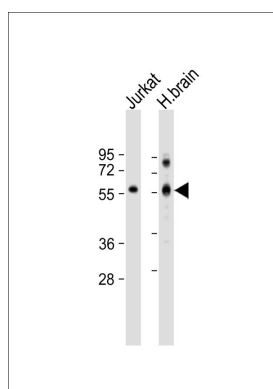
Expressed in brain, thymus, spleen, bone marrow and lymph node. Low in lung and gut

Background

May be a crucial component of the cytoskeleton of highly motile cells, functioning both in the invagination of large pieces of plasma membrane, as well as in forming protrusions of the plasma membrane involved in cell locomotion. In mycobacteria- infected cells, its retention on the phagosomal membrane prevents fusion between phagosomes and lysosomes.

References

Suzuki K.,et al.FEBS Lett. 364:283-288(1995).
Grogan A.,et al.Submitted (DEC-1995) to the EMBL/GenBank/DDBJ databases.
Liau G.,et al.Submitted (AUG-1995) to the EMBL/GenBank/DDBJ databases.
Kohchi C.,et al.Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images

All lanes : Anti-Clipin A Antibody at 1:500 dilution Lane 1: Jurkat whole cell lysate Lane 2: human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 51 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.