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Anti-Clipin A Antibody

Catalog # AP53337

Product Information

Application	WB, IHC
Primary Accession	P31146
Reactivity	Human, Mouse, Rat, Pig, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51026

Additional Information

Gene ID	11151
Other Names	CORO1; Coronin-1A; Coronin-like protein A; Clipin-A; Coronin-like protein p57; Tryptophan aspartate-containing coat protein; TACO
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 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

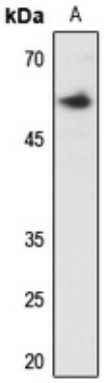
Name	CORO1A
Synonyms	CORO1
Function	May be a crucial component of the cytoskeleton of highly motile cells, functioning both in the invagination of large pieces of plasma membrane, as well as in forming protrusions of the plasma membrane involved in cell locomotion. In mycobacteria-infected cells, its 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

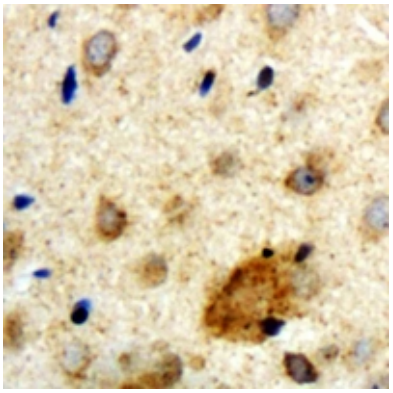
References

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



Western blot analysis of Clipin A expression in rat spleen (A) whole cell lysates. (Predicted band size: 51 kD; Observed band size: 57 kD)



Immunohistochemical analysis of Clipin A staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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