

CORO1A Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6890b**Specification**

CORO1A Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P31146](#)**CORO1A Antibody (C-term) Blocking Peptide - 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

The synthetic peptide sequence used to generate the antibody [AP6890b](/products/AP6890b) was selected from the C-term region of human CORO1A. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CORO1A Antibody (C-term) Blocking Peptide - 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

CORO1A Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CORO1A Antibody (C-term) Blocking Peptide - Images**CORO1A Antibody (C-term) Blocking Peptide - Background**

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CORO1A Antibody (C-term) Blocking Peptide - References

Shiow,L.R., et.al., Nat. Immunol. 9 (11), 1307-1315 (2008)