

## CORO1A / Coronin 1a Antibody

Rabbit Polyclonal Antibody Catalog # ALS16830

## **Specification**

# CORO1A / Coronin 1a Antibody - Product Information

Application IHC, ICC, WB
Primary Accession P31146
Other Accession 11151
Reactivity Human, Rat
Host Rabbit
Clonality Polyclonal
Calculated MW 51026

## CORO1A / Coronin 1a Antibody - Additional Information

#### **Gene ID 11151**

#### **Other Names**

CORO1A, Clipin-A, Coronin-like protein A, Coronin-like protein p57, CLIPINA, Coronin-1, Coronin-1A, HCORO1, p57, TACO, CLABP, CORO1

## Target/Specificity Human CORO1A / p57

## **Reconstitution & Storage**

Antiserum. +4°C or -20°C, Avoid repeated freezing and thawing.

### **Precautions**

CORO1A / Coronin 1a Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

#### CORO1A / Coronin 1a Antibody - 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

Volume

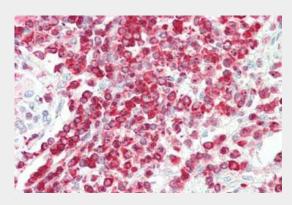
50 μl

## CORO1A / Coronin 1a Antibody - Protocols

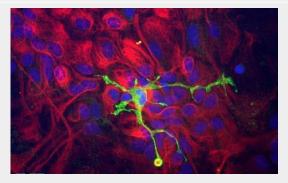
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## CORO1A / Coronin 1a Antibody - Images

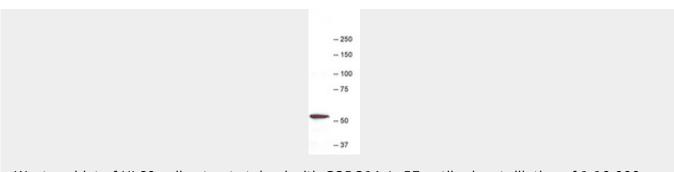


Anti-CORO1A / p57 antibody IHC staining of human spleen.



Immunocytochemistry of a mixed neuron/glial culture from newborn rat brain stained with CORO1A /...





Western blot of HL60 cell extract stained with CORO1A / p57 antibody, at dilution of 1:10,000.

# CORO1A / Coronin 1a Antibody - Background

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## **CORO1A / Coronin 1a Antibody - 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).