

## Rabbit anti-Human, Mouse CORO1A Polyclonal Antibody | anti-CORO1A antibody

CORO1A Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                                  |
|-----------|--------|--------------|---------------------------------------------------------------|
| AAA232445 | Rabbit | Human, Mouse | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

### PRODUCT SYNONYMS

CORO1A; Polyclonal Antibody; CORO1A Antibody; Coronin-1A; Coronin-like protein A; Clipin-A; Coronin-like protein p57; Tryptophan aspartate-containing coat protein; TACO; CORO1; anti-CORO1A antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                         |
| Reactivity                                       | Human, Mouse                                                                                                   |
| Clonality                                        | Polyclonal                                                                                                     |
| Isotype                                          | IgG                                                                                                            |
| Purity/Purification                              | >95%, Protein G purified                                                                                       |
| Form/Format                                      | Liquid                                                                                                         |
| Sequence Length                                  | 461                                                                                                            |
| Applicable Applications for anti-CORO1A antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                  |
| Immunogen                                        | Recombinant Human Coronin-1A protein (363-432AA)                                                               |
| Preservative                                     | 0.03% Proclin 300                                                                                              |
| Constituents                                     | 50% Glycerol, 0.01M PBS, PH 7.4                                                                                |
| Conjugation                                      | Non-conjugated                                                                                                 |
| Santa Cruz Alternative                           | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-133476                                 |
| Preparation and Storage                          | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunofluorescent analysis of HepG2 cells using AAA232445 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human spleen tissue using AAA232445 at dilution of 1:100



#### WB (Western Blot)

Western BlotPositive WB detected in:Mouse lung tissueAll lanes: CORO1A antibody at 2.7ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 52 kDaObserved band size: 52 kDa

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CORO1A antibody | 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. |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 300934762                               |
| NCBI GeneID                      | 11151                                   |
| NCBI Accession #                 | NP_001180262.1                          |
| NCBI GenBank Nucleotide #        | NM_001193333.2                          |
| UniProt Accession #              | P31146; Q2YD73; B2RBL1                  |
| Molecular Weight                 | 51,026 Da                               |
| NCBI Official Full Name          | coronin-1A                              |
| NCBI Official Synonym Full Names | coronin 1A                              |
| NCBI Official Symbol             | CORO1A                                  |
| NCBI Official Synonym Symbols    | p57; IMD8; TACO; CLABP; HCORO1; CLIPINA |
| NCBI Protein Information         | coronin-1A                              |
| UniProt Protein Name             | Coronin-1A                              |
| UniProt Gene Name                | CORO1A                                  |
| UniProt Synonym Gene Names       | CORO1; Clipin-A; TACO                   |
| UniProt Entry Name               | COR1A_HUMAN                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.