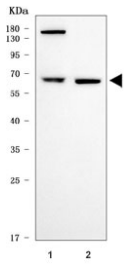
# ASC1 Antibody / TRIP-4 (RQ7587)

| Catalog No. | Formulation | Size |
|---|---|---|
| RQ7587 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | Q15650 |
| **Applications** | Western blot: 0.5-1ug/ml<br>Direct ELISA: 0.1-0.5ug/ml |
| **Limitations** | This ASC1 antibody is available for research use only. |




Western blot testing of human 1) HeLa and 2) Jurkat cell lysate with ASC1 antibody. Predicted molecular weight ~66 kDa.

## Description

Activating signal cointegrator 1 is a protein that in humans is encoded by the TRIP4 gene. This gene encodes a subunit of the tetrameric nuclear activating signal cointegrator 1 (ASC-1) complex, which associates with transcriptional coactivators, nuclear receptors and basal transcription factors to facilitate nuclear receptors-mediated transcription. This protein is localized in the nucleus and contains an E1A-type zinc finger domain, which mediates interaction with transcriptional coactivators and ligand-bound nuclear receptors, such as thyroid hormone receptor and retinoid X receptor alpha, but not glucocorticoid receptor. Mutations in this gene are associated with spinal muscular atrophy with congenital

bone fractures-1 (SMABF1).

## Application Notes

Optimal dilution of the ASC1 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids Q158-D563) was used as the immunogen for the ASC1 antibody.

## Storage

After reconstitution, the ASC1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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