

**Product Name: ASC-1 Rabbit Polyclonal Antibody**  
**Catalog #: APRab07207**



## Summary

<b>Production Name</b>	ASC-1 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	TRIP4
<b>Alternative Names</b>	TRIP4; Activating signal cointegrator 1; ASC-1; Thyroid receptor-interacting protein 4; TR-interacting protein 4; TRIP-4
<b>Gene ID</b>	9325.0
<b>SwissProt ID</b>	Q15650.The antiserum was produced against synthesized peptide derived from human TRIP4. AA range:81-130

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000. ELISA: 1:10000.
<b>Molecular Weight</b>	66kD

## Background

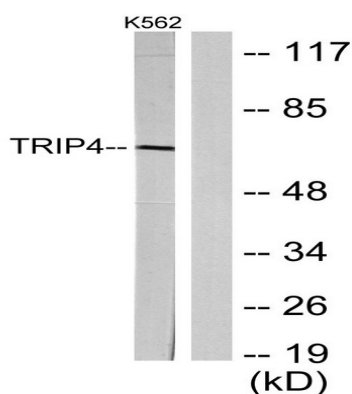
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This gene encodes a subunit of the tetrameric nuclear activating signal cointegrator 1 (ASC-1) complex, which associates with transcriptional coactivators, nuclear receptors and basal transcription factors to facilitate nuclear receptors-mediated transcription. 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). [provided by RefSeq, Apr 2016],function:Transcription coactivator of nuclear receptors which functions in conjunction with CBP-p300 and SRC-1 and may play an important role in establishing distinct coactivator complexes under different cellular conditions. Plays a pivotal role in the transactivation of NF-kappa-B, SRF and AP1. Acts as a mediator of transrepression between nuclear receptor and either AP1 or NF-kappa-B. Plays a role in androgen receptor transactivation and in testicular function.,subcellular location:Cytoplasmic under conditions of serum deprivation.,subunit:Specifically interacts with the ligand binding domain of the thyroid receptor (TR). This interaction requires the presence of thyroid hormone. Exists as a steady-state complex associated with ASC1, ASC2 and HELIC1. Interacts with the androgen receptor androgen (AR) in an androgen, testosterone and dihydrotestosterone-dependent manner.,

## Research Area

## Image Data



Western blot analysis of lysates from K562 cells, using TRIP4 Antibody. The lane on the right is blocked with the synthesized peptide.

## Note

For research use only.