

TRIP4 / ASC1 (aa94-106) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3977a**Specification****TRIP4 / ASC1 (aa94-106) Antibody (internal region) - Product Information**

Application	E
Primary Accession	Q15650
Other Accession	NP_057297.2 , 9325 , 56404 (mouse) , 315769 (rat)
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	66146

TRIP4 / ASC1 (aa94-106) Antibody (internal region) - Additional Information**Gene ID** 9325**Other Names**

Activating signal cointegrator 1, ASC-1, Thyroid receptor-interacting protein 4, TR-interacting protein 4, TRIP-4, TRIP4 {ECO:0000312|EMBL:AAC41738.1, ECO:0000312|HGNC:HGNC:12310}

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TRIP4 / ASC1 (aa94-106) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIP4 / ASC1 (aa94-106) Antibody (internal region) - Protein Information**Name** TRIP4 {ECO:0000312|EMBL:AAC41738.1, ECO:0000312|HGNC:HGNC:12310}**Function**

Transcription coactivator which associates with nuclear receptors, transcriptional coactivators including EP300, CREBBP and NCOA1, and basal transcription factors like TBP and TFIIA to facilitate nuclear receptors-mediated transcription (PubMed:10454579, PubMed:25219498). May thereby play an important role in establishing distinct coactivator complexes under different cellular

conditions (PubMed:10454579, PubMed:25219498). Plays a role in thyroid hormone receptor and estrogen receptor transactivation (PubMed:10454579, PubMed:25219498). Also involved in androgen receptor transactivation (By similarity). Plays a pivotal role in the transactivation of NF- kappa-B, SRF and AP1 (PubMed:12077347). Acts as a mediator of transrepression between nuclear receptor and either AP1 or NF-kappa-B (PubMed:12077347). May play a role in the development of neuromuscular junction (PubMed:26924529). May play a role in late myogenic differentiation (By similarity). Also functions as part of the RQC trigger (RQT) complex that activates the ribosome quality control (RQC) pathway, a pathway that degrades nascent peptide chains during problematic translation (PubMed:32099016, PubMed:32579943, PubMed:36302773).

Cellular Location

Nucleus. Cytoplasm, cytosol. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Cytoplasmic under conditions of serum deprivation (PubMed:10454579). Colocalizes with NEK6 in the centrosome (PubMed:20873783).

TRIP4 / ASC1 (aa94-106) Antibody (internal region) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TRIP4 / ASC1 (aa94-106) Antibody (internal region) - Images

TRIP4 / ASC1 (aa94-106) Antibody (internal region) - References

Homeostatic and innate immune responses: role of the transmembrane glycoprotein CD98. Nguyen HT, Merlin D. Nguyen HT, Merlin D. Nguyen HT, Merlin D. Cellular and molecular life sciences : CMLS 2012 Sep 69 (18): 3015-26. PMID: 22460579