

# TRIP4 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI10906

## Product Information

Application	WB
Primary Accession	<a href="#">Q15650</a>
Other Accession	<a href="#">NM_016213</a> , <a href="#">NP_057297</a>
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Horse, Bovine
Predicted	Human, Mouse, Rabbit, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66146

## Additional Information

Gene ID	9325
Alias Symbol	ASC1, ASC-1, HsT17391
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	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-TRIP4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	TRIP4 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## 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: <a href="#">10454579</a> , PubMed: <a href="#">25219498</a> ). May thereby play an important role in establishing distinct coactivator complexes under different cellular conditions (PubMed: <a href="#">10454579</a> , PubMed: <a href="#">25219498</a> ). Plays a role in thyroid hormone receptor and estrogen receptor transactivation (PubMed: <a href="#">10454579</a> , PubMed: <a href="#">25219498</a> ). 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).

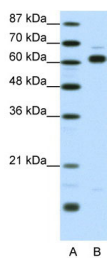
## References

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Jung,D.J., et al., (2002) Mol. Cell. Biol. 22 (14), 5203-5211  
Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

## Images

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WB Suggested Anti-TRIP4 Antibody Titration: 1.25µg/ml  
ELISA Titer: 1:62500  
Positive Control: 293T cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.