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TRIP4 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10906

Product Information

Application	WB
Primary Accession	Q15650
Other Accession	NM_016213, NP_057297
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: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).

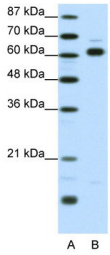
Cellular Location

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).

References

Jung,D.J., et al., (2002) Mol. Cell. Biol. 22 (14), 5203-5211Reconstitution 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



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'.