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TRIP4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16622c

Specification

TRIP4 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q15650
Other Accession	NP_057297.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**66146**
Antigen Region	**194-222**

TRIP4 Antibody (Center) - 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

Target/Specificity
This TRIP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 194-222 amino acids from the Central region of human TRIP4.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

Precautions
TRIP4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIP4 Antibody (Center) - 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).

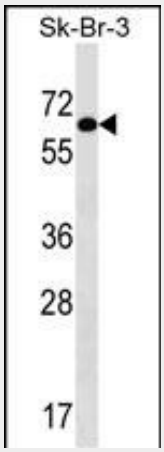
Cellular Location
Nucleus. Cytoplasm, cytosol. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Note=Cytoplasmic under conditions of serum deprivation (PubMed:10454579). Colocalizes with NEK6 in the centrosome (PubMed:20873783).

TRIP4 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TRIP4 Antibody (Center) - Images



TRIP4 Antibody (Center) (Cat. #AP16622c) western blot analysis in SK-BR-3 cell line lysates (35ug/lane).This demonstrates the TRIP4 antibody detected the TRIP4 protein (arrow).

TRIP4 Antibody (Center) - Background

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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 (By similarity).

TRIP4 Antibody (Center) - References

Almeida-Vega, S., et al. Am. J. Physiol. Gastrointest. Liver Physiol. 296 (2), G414-G423 (2009) :
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