

TRIP4 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16622c**Specification**

TRIP4 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q15650](#)**TRIP4 Antibody (Center) Blocking Peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TRIP4 Antibody (Center) Blocking Peptide - 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:12077347).

[26924529](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/32099016), PubMed:[32579943](http://www.uniprot.org/citations/32579943), PubMed:[36302773](http://www.uniprot.org/citations/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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TRIP4 Antibody (Center) Blocking Peptide - Images

TRIP4 Antibody (Center) Blocking Peptide - Background

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) Blocking Peptide - References

Almeida-Vega, S., et al. Am. J. Physiol. Gastrointest. Liver Physiol. 296 (2), G414-G423 (2009)
:Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)Jung, D.J., et al. Mol. Cell. Biol. 22(14):5203-5211(2002)Lee, S.K., et al. J. Biol. Chem. 274(48):34283-34293(1999)