

THRAP3 / TRAP150 Antibody (aa930-955)
Rabbit Polyclonal Antibody
Catalog # ALS11926**Specification**

THRAP3 / TRAP150 Antibody (aa930-955) - Product Information

Application	IHC
Primary Accession	O9Y2W1
Reactivity	Human, Mouse, Rat, Monkey, Horse, Xenopus, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	109kDa KDa

THRAP3 / TRAP150 Antibody (aa930-955) - Additional Information**Gene ID** 9967**Other Names**

Thyroid hormone receptor-associated protein 3, Thyroid hormone receptor-associated protein complex 150 kDa component, Trap150, THRAP3, TRAP150

Target/Specificity

A portion of amino acids 930-955 of human Thyroid hormone receptor associated protein 3

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

THRAP3 / TRAP150 Antibody (aa930-955) is for research use only and not for use in diagnostic or therapeutic procedures.

THRAP3 / TRAP150 Antibody (aa930-955) - Protein Information**Name** THRAP3 ([HGNC:22964](#))**Function**

Involved in pre-mRNA splicing. Remains associated with spliced mRNA after splicing which probably involves interactions with the exon junction complex (EJC). Can trigger mRNA decay which seems to be independent of nonsense-mediated decay involving premature stop codons (PTC) recognition. May be involved in nuclear mRNA decay. Involved in regulation of signal-induced alternative splicing. During splicing of PTPRC/CD45 is proposed to sequester phosphorylated SFPQ from PTPRC/CD45 pre-mRNA in resting T-cells. Involved in cyclin- D1/CCND1 mRNA stability probably by acting as component of the SNARP complex which associates with both the 3'end of the CCND1 gene and its mRNA. Involved in response to DNA damage. Is excluded from DNA damage sites in a manner that parallels transcription inhibition; the function may involve the SNARP complex. Initially thought to play a role in transcriptional coactivation through its association with the TRAP complex; however, it is not regarded as a stable Mediator complex

subunit. Cooperatively with HELZ2, enhances the transcriptional activation mediated by PPARG, maybe through the stabilization of the PPARG binding to DNA in presence of ligand. May play a role in the terminal stage of adipocyte differentiation. Plays a role in the positive regulation of the circadian clock. Acts as a coactivator of the CLOCK-BMAL1 heterodimer and promotes its transcriptional activator activity and binding to circadian target genes (PubMed:24043798).

Cellular Location

Nucleus. Nucleus, nucleoplasm. Nucleus speckle

Tissue Location

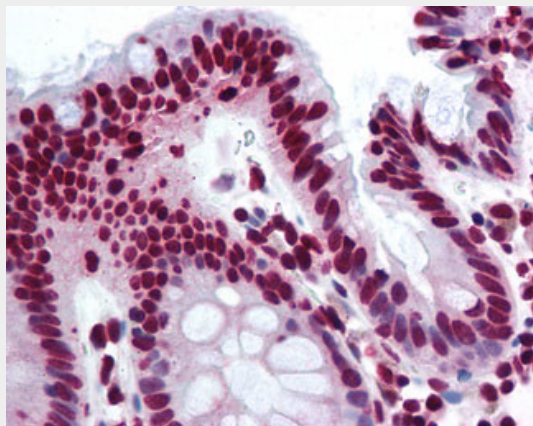
Ubiquitous..

THRAP3 / TRAP150 Antibody (aa930-955) - 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](#)

THRAP3 / TRAP150 Antibody (aa930-955) - Images



Anti-THRAP3 antibody IHC of human colon.

THRAP3 / TRAP150 Antibody (aa930-955) - Background

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- Ito M.,et al.Mol. Cell 3:361-370(1999).
Gregory S.G.,et al.Nature 441:315-321(2006).
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Bienvenut W.V.,et al.Submitted (DEC-2008) to UniProtKB.
Brill L.M.,et al.Anal. Chem. 76:2763-2772(2004).