

Product datasheet for AP06644PU-N

TRAP100 (MED24) Rabbit Polyclonal Antibody

Product data:

OriGene Technologies, Inc.

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Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Western blot: 1/500-1/1000. Immunohistochemistry on paraffin sections: 1/50-1/200. Immunofluorescence: 1/50-1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 801-850 of Human TRAP100.
Specificity:	This antibody detects endogenous levels of TRAP100 protein. (region surrounding Lys834)
Formulation:	Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide
Concentration:	1.0 mg/ml
Purification:	Affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS- PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 110 kDa
Gene Name:	mediator complex subunit 24
Database Link:	<u>Entrez Gene 9862 Human</u> <u>O75448</u>



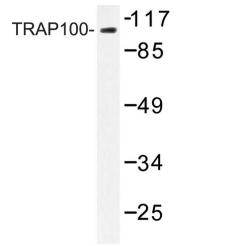
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GRIGENE TRAP100 (MED24) Rabbit Polyclonal Antibody – AP06644PU-N

Background:In mammalian cells, transcription is regulated in part by high molecular weight coactivating
complexes that mediate signaling between transcriptional activators and initiation factors.
These complexes include the thyroid hormone receptor-associated protein (TRAP) complex,
which interacts with thyroid receptors (TR), vitamin D receptors and other steroid receptors to
facilitate hormone induced transcriptional activation. The TRAP complex consists of
numerous proteins ranging in size from 20 to 240 kDa, including TRAP95, TRAP100, TRAP150,
TRAP220 and TRAP230, and they are characterized by the presence of a nuclear receptor
recognition motif, which mediates the ligand-dependent binding of TRAP proteins to the
nuclear receptors. TRAP220 and TRAP100 are widely expressed and most abundantly
detected in skeletal muscle, heart and placenta. TRAP95, TRAP150 and TRAP230 facilitate TR-
induced transcription by associating with an additional transcriptional coactivating complex
SMCC (SRB and MED protein cofactor complex), which consists of various subunits that share
homology with several components of the yeast transcriptional mediator complexes.

Synonyms:ARC100, CRSP4, DRIP100, KIAA0130, THRAP4, TRAP100, Mediator complex 24, CRSP complex4

Product images:



Western blot (WB) analysis of TRAP100 antibody in extracts from 293 cells.

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