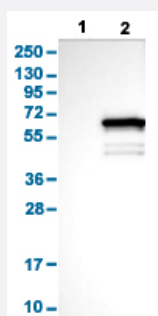


THRA polyclonal antibody

Catalog # PAB30572 Size 100 uL

Applications

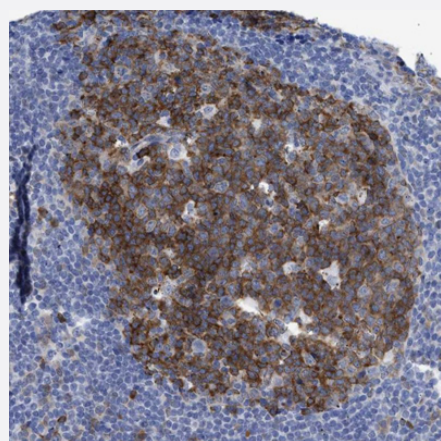


Western Blot (Transfected lysate)

Western Blot analysis with THRA polyclonal antibody (Cat # PAB30572).

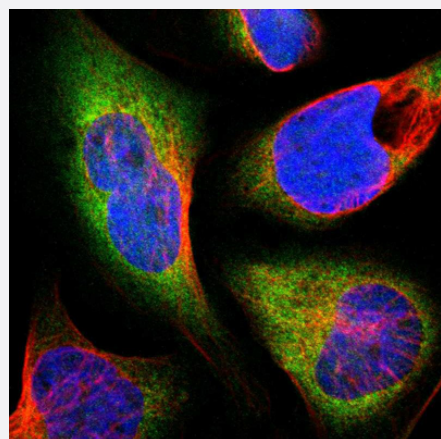
Lane 1: Negative control (vector only transfected HEK293T lysate)

Lane 2: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with THRA polyclonal antibody (Cat # PAB30572) shows distinct positivity in the reaction centra.



Immunofluorescence

Immunofluorescent staining of human cell line U-2 OS with THRA polyclonal antibody (Cat # PAB30572) shows positivity in cytoplasm. Antibody staining is shown in green.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human THRA.
Immunogen	Recombinant protein corresponding to amino acids 348-466 of human THRA.
Sequence	AFEHYVNHRKHNIPHFWPKLLMKEREVQSSILYKGAAAEGRPGGSLGVHPEGQQLLGMHVVQGP QVRQLEQQLGEAGSLQGPVLQHQSPKSPQQRILLELLHRSGILHARAVCGEDDSSE
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1 - 4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50 - 1:200) Western Blot (1:100 - 1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis with THRA polyclonal antibody (Cat # PAB30572).

Lane 1: Negative control (vector only transfected HEK293T lysate)

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Gene Info — THRA

Entrez GeneID	7067
Protein Accession#	P10827
Gene Name	THRA
Gene Alias	AR7, EAR7, ERB-T-1, ERBA, ERBA1, MGC000261, MGC43240, NR1A1, THRA1, THRA2, c-ERBA-1
Gene Description	thyroid hormone receptor, alpha (erythroblastic leukemia viral (v-erb-a) oncogene homolog, avian)
Omim ID	190120
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a nuclear hormone receptor for triiodothyronine. It is one of the several receptors for thyroid hormone, and has been shown to mediate the biological activities of thyroid hormone. Knockout studies in mice suggest that the different receptors, while having certain extent of redundancy, may mediate different functions of thyroid hormone. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]
Other Designations	ERBA-related 7 OTTHUMP00000164470 avian erythroblastic leukemia viral (v-erb-a) oncogene homolog thyroid hormone receptor alpha thyroid hormone receptor, alpha triiodothyronine receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)

- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Prostate cancer](#)
- [Thyroid Neoplasms](#)