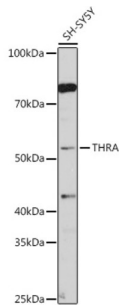
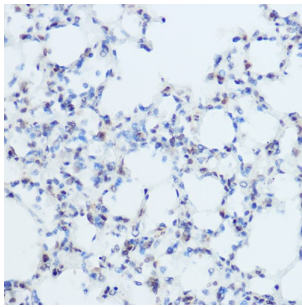


## Thyroid Hormone Receptor Alpha (THRA) Antibody

Catalogue No.: abx004276



Western blot analysis of lysates from SH-SY5Y cells, using THRA Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using THRA Antibody at dilution of 1/50 (40x lens). High pressure antigen retrieval performed in 0.01 M Citrate buffer (pH 6.0) prior to IHC staining.

THRA Antibody is a Rabbit Polyclonal antibody against THRA. 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.

**Target:** Thyroid Hormone Receptor Alpha (THRA)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** ELISA, WB, IHC

**Host:** Rabbit

**Recommended dilutions:** ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 138-180 of human THRA.

**Isotype:** IgG

# Datasheet

Version: 2.0.0  
Revision date: 02 Feb 2025



<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P10827 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	THRA
<b>GeneID:</b>	<a href="#">7067</a>
<b>NCBI Accession:</b>	NP_003241.2
<b>KEGG:</b>	hsa:7067
<b>String:</b>	<a href="#">9606.ENSP00000264637</a>
<b>Molecular Weight:</b>	Calculated MW: 55 kDa Observed MW: 55 kDa
<b>Buffer:</b>	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
<b>Concentration:</b>	> 0.2 mg/ml
<b>Note:</b>	This product is for research use only.

For Reference Only