

Datasheet for ABIN6149127
anti-THRA antibody (AA 100-200)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	THRA
Binding Specificity:	AA 100-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This THRA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human THRA (NP_003241.2).
Sequence:	DKITRNQCQL CRFKKCIAVG MAMDLVLDD S KRVAKRKLIE QNRERRRREEE MIRSLQQRPE PTPEEWDLIH IATEAHRSTN AQQSHWKQRR KFLPDDIGQS P
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	THRA
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Target Details

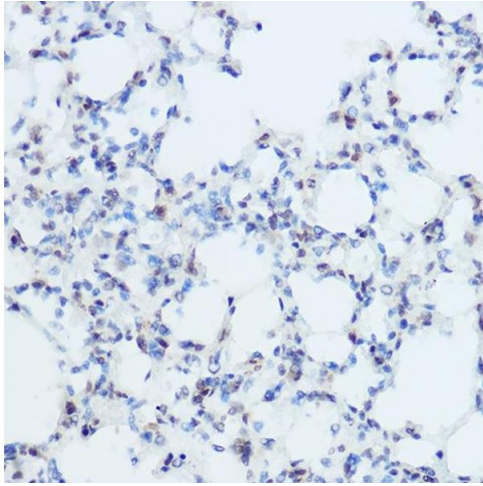
Alternative Name:	THRA (THRA Products)
Background:	<p>The protein encoded by this gene is a nuclear hormone receptor for triiodothyronine. It is one of the several receptors for thyroid hormone, and has been shown to mediate the biological activities of thyroid hormone. Knockout studies in mice suggest 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.,THRA,AR7,CHNG6,EAR7,ERB-T-1,ERBA,ERBA1,NR1A1,THRA1,THRA2,c-ERBA-1,Epigenetics & Nuclear Signaling,Transcription Factors,Nuclear Receptor Signaling,Nuclear hormone receptors,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Growth factor,Endocrine & Metabolism,Neuroscience,THRA</p>
Molecular Weight:	46 kDa/50 kDa/54 kDa
Gene ID:	7067
UniProt:	P10827
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Sensory Perception of Sound , Cellular Response to Molecule of Bacterial Origin , Regulation of Lipid Metabolism by PPARalpha , Regulation of Muscle Cell Differentiation , Maintenance of Protein Location , Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

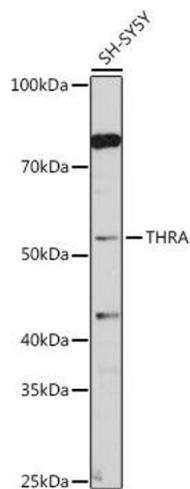
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse lung using THRA Rabbit pAb (ABIN6128827, ABIN6149127, ABIN7101779 and ABIN7101780) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of SH-SY5Y cells, using THRA antibody (ABIN6128827, ABIN6149127, ABIN7101779 and ABIN7101780) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.