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# Datasheet for ABIN3022183 anti-THRB antibody (AA 1-250)

2 Images



### Overview

Quantity:	100 µL
Target:	THRB
Binding Specificity:	AA 1-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This THRB antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)
Product Details	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human THRB (NP_000452.2).
Sequence:	MTPNSMTENG LTAWDKPKHC PDREHDWKLV GMSEACLHRK SHSERRSTLK NEQSSPHLIQ TTWTSSIFHL DHDDVNDQSV SSAQTFQTEE KKCKGYIPSY LDKDELCVVC GDKATGYHYR CITCEGCKGF FRRTIQKNLH PSYSCKYEGK CVIDKVTRNQ CQECRFKKCI YVGMATDLVL DDSKRLAKRK LIEENREKRR REELQKSIGH KPEPTDEEWE LIKTVTEAHV ATNAQGSHWK QKRKFLPEDI
lsotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat

Characteristics: Polyclonal Antibodies

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## Target Details

Target:	THRB
Alternative Name:	THRB (THRB Products)
Background:	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.
	Mutations in this gene are known to be a cause of generalized thyroid hormone resistance
	(GTHR), a syndrome characterized by goiter and high levels of circulating thyroid hormone (T3-
	T4), with normal or slightly elevated thyroid stimulating hormone (TSH). Several alternatively
	spliced transcript variants encoding the same protein have been observed for this
	gene.,THRB,C-ERBA-2,C-ERBA-
	BETA,ERBA2,GRTH,NR1A2,PRTH,THR1,THRB1,THRB2,Epigenetics & Nuclear
	Signaling,Transcription Factors,Signal Transduction,Cell Biology & Developmental
	Biology,Growth factor,Endocrine & Metabolism,Neuroscience,THRB
Molecular Weight:	52 kDa/54 kDa
Gene ID:	7068
UniProt:	P10828
Pathways:	Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway, Sensory Perception of Sound

## Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
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.
Handling Advice:	Avoid freeze / thaw cycles

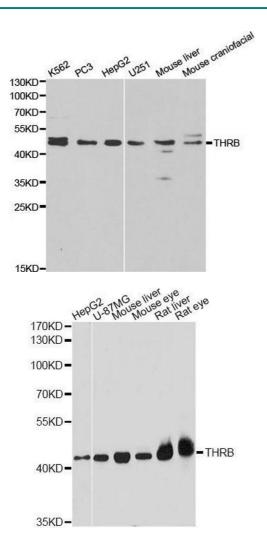
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## Handling

Storage Comment:

Store at -20°C. Avoid freeze / thaw cycles.

#### Images



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using THRB antibody.

## Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using THRB antibody.

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