

Rabbit THRB Polyclonal Antibody | anti-THRB antibody

THRB antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198224	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot

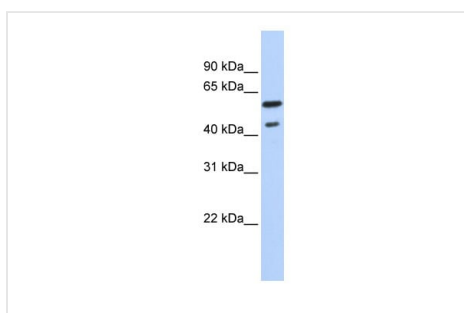
PRODUCT SYNONYMS

THRB; Polyclonal Antibody; THRB antibody - middle region; anti-THRB antibody

PRODUCT SPECIFICATIONS

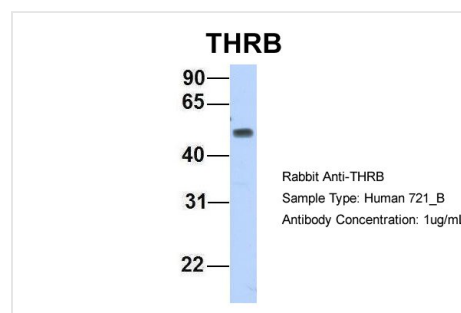
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: YQ DSFLAFEHY INYRKHHVTH FWPKLLMKVT DLRMIGACHA SRFLHMKV
Sequence Length	461
Applicable Applications for anti-THRB antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human THRB
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-THRB Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: MCF7 cell lysate



WB (Western Blot)

Host: Rabbit
Target Name: THRB
Sample Type: 721_B
Antibody Dilution: 1.0ug/ml
THRB is supported by BioGPS gene expression data to be expressed in 721_B

ADDITIONAL INFORMATION

Related Product Information for anti-THRB antibody	This is a rabbit polyclonal antibody against THRB. It was validated on Western Blot using a cell lysate as a positive control. Target Description: THRB 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. Defects 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 transcript variants have been observed for this gene, but the full-length nature of only one has been determined so far. 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.
Product Categories/Family for anti-THRB antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Chromatin & Nuclear Signaling; Disease Related; Receptors; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	40806162
NCBI GeneID	7068
NCBI Accession #	NP_000452
NCBI GenBank Nucleotide #	NM_000461
UniProt Accession #	P10828
Molecular Weight	53kDa
NCBI Official Full Name	thyroid hormone receptor beta isoform a
NCBI Official Synonym Full Names	thyroid hormone receptor beta
NCBI Official Symbol	THRB
NCBI Official Synonym Symbols	GRTH; PRTH; THR1; ERBA2; NR1A2; THRB1; THRB2; C-ERBA-2; C-ERBA-BETA
NCBI Protein Information	thyroid hormone receptor beta
UniProt Protein Name	Thyroid hormone receptor beta
UniProt Gene Name	THRB
UniProt Synonym Gene Names	ERBA2; NR1A2; THR1
UniProt Entry Name	THB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.