Thyroid Hormone Receptor Beta (THRb) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Thyroid Hormone Receptor Beta (THRb), Polyclonal Antibody
Full Product Name	Biotin-Linked Polyclonal Antibody to Thyroid Hormone Receptor Beta (THRb)
Product Gene Name	anti-THRb antibody
Product Synonym Names	ERBA-BETA; ERBA2; GRTH; NR1A2; THR1; THRB1; THRB2; Erythroblastic Leukemia Viral(v-erb-a)Oncogene Homolog 2,Avian; Nuclear Receptor Subfamily 1,Group A,Member 2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Rat, Pig
Concentration	500ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: THRb (MBS2025864) Biotin Conjugated Antibody: THRb (MBS2092621)
Matching Pairs	Biotin Conjugated Antibody: THRb (MBS2092621) Immunogen: THRb (MBS2031485)
Molecular Weight	54,449 Da
OMIM	M26747 mRNA
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Conjugation	Biotin
Cross Reactivity	Human
Immunogen	THRb (Trp239~Glu457)
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-THRb antibody	Western Blot (WB), Immunohistochemistry (IHC)
Related Product Information for anti-THRb antibody	MBS2092621 is an antibody targeting THRb. Also known as Biotin-Linked Polyclonal Antibody to Thyroid Hormone Receptor Beta (THRb). Reactive in Human, Rat, Pig. Host: Rabbit.
Other Notes	Small volumes of anti-THRb antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for THRb. It may not necessarily be applicable to this product.

NCBI GI #	576565590
NCBI GeneID	7068
NCBI Accession #	BAO48099.1
UniProt Secondary Accession #	P37243; Q13986; Q3KP35; Q6WGL2; Q9UD41; B3KU79

UniProt Related Accession #	P10828
NCBI Official Full Name	thyroid hormone receptor beta, partial
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
UniProt Protein Name	Thyroid hormone receptor beta
UniProt Synonym Protein Names	Nuclear receptor subfamily 1 group A member 2; c-erbA-2; c-erbA-beta
Protein Family	Homoserine kinase
UniProt Gene Name	THRB
UniProt Synonym Gene Names	ERBA2; NR1A2; THR1
NCBI Protein Information	thyroid hormone receptor beta
NCBI Summary for THRb	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. [provided by RefSeq, Jul 2008]
UniProt Comments for THRb	Nuclear hormone receptor that can act as a repressor or activator of transcription. High affinity receptor for thyroid hormones, including triiodothyronine and thyroxine.
Research Articles on THRb	**1.** In certain contexts, Rb loss enables TRbeta1-dependent suppression of SKP2 as a safeguard against RB1-deficient tumorigenesis. TRbeta2 counteracts TRbeta1, thus disrupting this safeguard and promoting development of RB1-deficient malignancies.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-pig-rat-antibody/thyroid-hormone-receptor-beta-thrb/2092621