THRA Antibody

PRODUCT OVERVIEW

Product Name	THRA, Antibody
Full Product Name	THRA Antibody
Product Gene Name	anti-THRA antibody
Molecular Weight	50,465 Da
OMIM	190120
3D Structure	ModBase 3D Structure for P10827
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-THRA antibody	MBS8500524 is an antibody targeting THRA. Also known as THRA Antibody.
Other Notes	Small volumes of anti-THRA 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 THRA. It may not necessarily be applicable to this product.

NCBI GI #	300116307
NCBI GeneID	7067
NCBI Accession #	NP_001177847.1
UniProt Primary Accession #	P10827
UniProt Secondary Accession #	P21205; Q8N6A1; Q96H73; A8K3B5
UniProt Related Accession #	P10827
GenBank Nucleotide #	NM_001190918.1
NCBI Official Full Name	thyroid hormone receptor alpha isoform 3
NCBI Official Synonym Full Names	thyroid hormone receptor alpha
NCBI Official Symbol	THRA
NCBI Official Synonym Symbols	AR7; EAR7; ERBA; CHNG6; ERBA1; NR1A1; THRA1; THRA2; ERB-T-1; c-ERBA-1
UniProt Protein Name	Thyroid hormone receptor alpha
UniProt Synonym Protein Names	Nuclear receptor subfamily 1 group A member 1; V-erbA-related protein 7; EAR-7; c-erbA-1; c-erbA-alpha
Protein Family	Bifunctional aspartokinase/homoserine dehydrogenase
UniProt Gene Name	THRA
UniProt Synonym Gene Names	EAR7; ERBA1; NR1A1; THRA1; THRA2; EAR-7
NCBI Protein Information	thyroid hormone receptor alpha

NCBI Summary for 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. [provided by RefSeq, Jul 2008]
UniProt Comments for THRA	Isoform Alpha-1: 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 THRA	**1.** overview of the clinical features together with the underlying molecular mechanisms in patients with resistance to thyroid hormone due to heterozygous mutations in TRalpha (Review).
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