

Product datasheet for TA309257

Thyroid Hormone Receptor beta (THRB) Mouse Monoclonal Antibody [Clone ID: 2386]

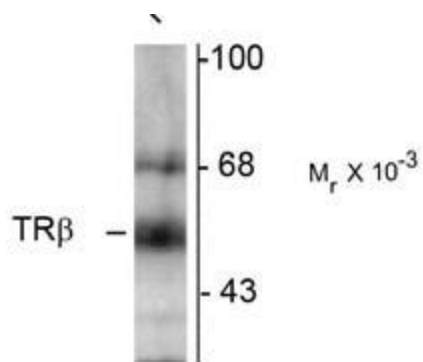
Product data:

Product Type:	Primary Antibodies
Clone Name:	2386
Applications:	WB
Recommend Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide corresponding to amino acid residues from the N-terminal region conjugated to KLH
Formulation:	100 µl in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Purification:	Protein G purified
Predicted Protein Size:	55 kDa
Gene Name:	thyroid hormone receptor beta
Database Link:	NP_000452 Entrez Gene 7068 Human
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. [provided by RefSeq]
Synonyms:	C-ERBA-2; C-ERBA-BETA; ERBA2; GRTH; NR1A2; PRTH; THR1; THRB1; THRB2
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
Protein Pathways:	Neuroactive ligand-receptor interaction



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Product images:



Western blot of hippocampal lysate showing specific immunolabeling of the ~58k TR- β protein.