

Anti-Thyroid Hormone Receptor, $\alpha 1/\alpha 2$ -Isotype Antibody

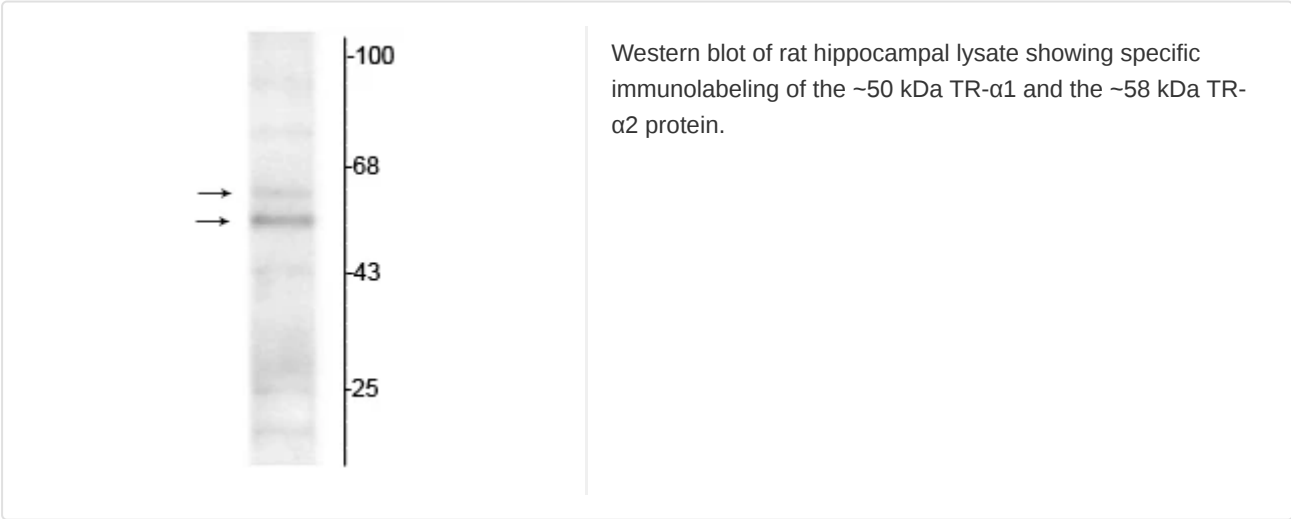


Product Details

Available Variants	100 μ L (SKU:1220-TRa) 25 μ L (SKU:1220-TRat)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	1718
Gene Name	THRA
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 μ g per ml BSA and 50% glycerol.
Production Notes	Protein G purified culture supernatant.
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000
Species Reactivity	Human, Rat
Immunogen	Synthetic peptide corresponding to amino acid residues from the N-terminal region of human thyroid hormone receptor, $\alpha 1/\alpha 2$ -isotype, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~50 kDa TR- $\alpha 1$ and the ~58 kDa TR- $\alpha 2$ proteins.
Molecular Weight	50/58 kDa
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2492261
UniProt ID	<u>P10827</u> UniProt Summary: [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. {ECO:0000269 PubMed:12699376, ECO:0000269 PubMed:14673100, ECO:0000269 PubMed:18237438, ECO:0000269 PubMed:19926848}.; [Isoform Alpha-2]: Does not bind thyroid hormone and functions as a weak dominant negative inhibitor of thyroid hormone action. {ECO:0000269 PubMed:8910441}.
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Expected Reactivity	Canine, Mouse, Non-Human Primate
NCBI Gene ID	7067

Product Images





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