

Datasheet for ABIN361385
anti-THRB antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	THRB
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This THRB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide corresponding to amino acid residues from the N-terminal region conjugated to KLH
Clone:	2386
Isotype:	IgG1
Specificity:	Specific for the ~55k TR-β protein.
Cross-Reactivity:	Human
Purification:	Protein G purified culture supernatant

Target Details

Target:	THRB
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Target Details

Alternative Name: [THRB \(THRB Products\)](#)

Background: Thyroid hormones are essential for development of the central nervous system and deficits in these hormones during development affects such cognitive functions as learning and memory (Ambrogini et al., 2005, Chan and Kilby, 2000). Thyroid hormones exert their physiological role mainly through binding to specific nuclear receptors including the predominant isoforms of thyroid hormone receptors TRa1, TRa2, TR 1 and TR 2. TRa1, TR 1 and TR 2 bind T3 with high affinity and also bind to thyroid hormone response elements (TREs) on chromatin to regulate the transcriptional processes in several target tissues, including adult rat brain (Constantinou et al., 2005). Anti-Thyroid Hormone Receptor, -Isotype Western blot of hippocampal lysate showing specific immunolabeling of the ~58k TR- protein.

Molecular Weight: 55 kDa

Gene ID: 7068

UniProt: [P10828](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Sensory Perception of Sound](#)

Application Details

Application Notes: Recommended Dilution: WB: 1:1000 Quality Control: Western blots performed on each lot.

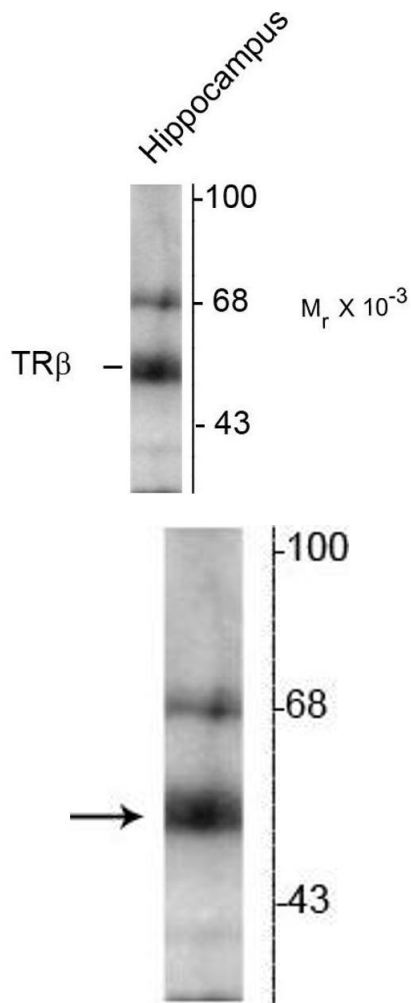
Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 100 µL in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50 % glycerol.

Storage: -20 °C



Western Blotting

Image 1. Western blots of hippocampal lysate showing specific immunolabeling of the ~58k TR- β protein.

Western Blotting

Image 2. Western blot of hippocampal lysate showing specific immunolabeling of the ~55 kDa TR- β protein.