

Thyroid Hormone Receptor beta Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253230

Unit: 0.1 ml

Description:

Thyroid hormones are essential for development of the central nervous system. Deficits in these hormones during development affect cognitive functions as learning and memory. Thyroid hormones exert their physiological role mainly through binding to specific nuclear receptors including the predominant isoforms of thyroid hormone receptors TRa1, TRa2, TRb1 and TRb2. TRa1, TRb1 and TRb2 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.

Isotype: Mouse IgG1

Applications: E, WB

Species Reactivity: D, H, M, R

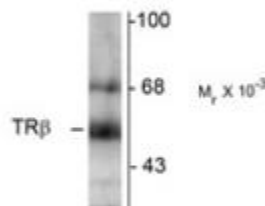
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of HEPES (pH7.5), 0.01% BSA, with 50% glycerol. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Thyroid hormone receptor beta; Nuclear receptor subfamily 1 group A member 2; c-erbA-2; c-erbA-beta; THRB; ERBA2; NR1A2; THR1

Accession No.: P10828

Antigen: KLH-conjugated peptide encompassing a sequence within the N-term region of human thyroid hormone receptor, b-isotype.

Application Notes: E: 1:500-1:1,000; WB: 1:1,000



The Thyroid Hormone Receptor beta Antibody (Cat. No. 253230) is used in Western blot to detect Thyroid Hormone Receptor beta in human hippocampal tissue lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.