Thyroid Hormone Receptor alpha1/alpha2 Antibody

Subcategory: Mouse Monoclonal Antibody
Cat. No.: 253228
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: H, M, R, D
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: Nuclear receptor subfamily 1 group A member 1; V-erbA-related protein 7; EAR-7; c-erbA-1; c-erbA-alpha
Accession No.: P10827

Antigen: KLH-conjugated peptide encompassing a sequence within the N-term region of human thyroid hormone receptor, a1/a2-isotype.
Application Notes: E: 1:500-1:1,000; WB: 1:1,000

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.