
Anti-TR

Cat #: HM1370
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Thyroid hormone nuclear receptors (TRs) are ligand-dependent transcription factors which regulate growth, differentiation and development. They have been shown to mediate the biological activities of thyroid hormone. TRs bind to thyroid hormone response elements (TREs) with half site binding motifs in the orientation of palindrome, direct repeat or inverted palindrome. The genes encoding TR α 1 and TR β 1 are mapped to human chromosomes 17 and 3, respectively. Knockout studies in mice suggest that the different receptors, while having certain extent of redundancy, may mediate different functions of thyroid hormone.

SPECIFICITY

This antibody specifically reacts with TR α 1 and β 1 of human, mouse and rat origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

IMMUNOGEN

A recombinant protein corresponding to the full-length human thyroid hormone receptor α 1.

STORAGE

This antibody is stable for 12 months when stored at 2-8° C.

REFERENCES

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