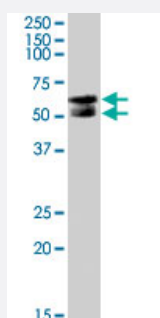


THR B polyclonal antibody

Catalog # PAB7340 Size 100 ug

Applications



Western Blot (Tissue lysate)

THR B polyclonal antibody (Cat # PAB7340) (0.3 ug/mL) staining of human bone marrow lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of THR B.

Immunogen A synthetic peptide corresponding to human THR B.

Sequence C-REELQKSIGHKP

Host Goat

Theoretical MW (kDa) 52.8

Reactivity Human

Specificity This antibody is not expected to cross-react to THRA.

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:32000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

THRB polyclonal antibody (Cat # PAB7340) (0.3 ug/mL) staining of human bone marrow lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — THRB

Entrez GeneID	7068
Protein Accession#	NP_000452.2
Gene Name	THRB
Gene Alias	ERBA-BETA, ERBA2, GRTH, MGC126109, MGC126110, NR1A2, PRTH, THR1, THRB1, THRB2
Gene Description	thyroid hormone receptor, beta (erythroblastic leukemia viral (v-erb-a) oncogene homolog 2, avian)
Omim ID	188570 190160 274300
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene is a nuclear hormone receptor for triiodothyronine. It is one of the several receptors for thyroid hormone, and has been shown to mediate the biological activities of thyroid hormone. Knockout studies in mice suggest that the different receptors, while having certain extent of redundancy, may mediate different functions of thyroid hormone. Mutations in this gene are known to be a cause of generalized thyroid hormone resistance (GTHR), a syndrome characterized by goiter and high levels of circulating thyroid hormone (T3-T4), with normal or slightly elevated thyroid stimulating hormone (TSH). Several alternatively spliced transcript variants encoding the same protein have been observed for this gene. [provided by RefSeq]
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Other Designations

OTTHUMP00000161044|avian erythroblastic leukemia viral (v-erb-a) oncogene homolog 2|oncogene ERBA2|thyroid hormone receptor beta 1|thyroid hormone receptor beta isoform|thyroid hormone receptor, beta

Publication Reference

- [A newly identified insertion mutation in the thyroid hormone receptor-beta gene in a Korean family with generalized thyroid hormone resistance.](#)

Kim JH, Park TS, Baek HS, Kim GH, Yoo HW, Park JH.

Journal of Korean Medical Science 2007 Jun; 22(3):560.

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Metabolic Syndrome X](#)
- [Narcolepsy](#)
- [Neoplasms](#)

- [Osteoporosis](#)
- [Thyroid Diseases](#)
- [Thyroid Hormone Resistance Syndrome](#)
- [Tobacco Use Disorder](#)