

MaxPab®

THRB purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007068-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human THRB protein.
Immunogen	THRB (ABZ92193.1, 1 a.a. ~ 461 a.a) full-length human protein.
Sequence	MTPNSMTENGLTAWDKPKHCPDREHDWKLVG MSEACLRKSHSERRSTLKNEQSSPHLIQTTW TSSIFHLDHDDVNDQSVSSAQTFQTEEEKCKGYPSYLDKDEL CVVCGDKATGYHYRCITCEGCK GFFRRTIQKNLHPSYSCKYEGKCVIDKVTRNQCCQECRFKKCIYGMATDLVLDDSKRLAKRKLIEE NREKRRREELQKSIGHKPEPTDEEWELIKTVTEAHVATNAQGS HWKQKRKFLPEDIGQAPIVNAP EGGKVDLEAFSHFTKIITPAITRVVDFAKKLPMFCELPCEDQIILLKGCCMEIMSLRAAVRYDPESET LTLNGEMAVTRGQLKNGGLGVVSDAIFDLGMSLSSFNLDDETEVALLQAVLLMSSDRPGLACVERI EKYQDSFLLAFEHYINYRKHHVTHFWPKLLMKVTDLRMIGACHASRFLHMKVECPTELPPLFLEV FED
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (96)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — THRB

Entrez GeneID	7068
GeneBank Accession#	EU446664.1
Protein Accession#	ABZ92193.1
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]
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

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](#)