

THR B FISH Probe

Catalog # FA0089 Size 200 uL

Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).
Origin	Human
Source	Genomic DNA
Reactivity	Human
Notice	We strongly recommend the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status	For research use only (RUO)
Supplied Product	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.

Applications

- Fluorescent In Situ Hybridization (Cell)

[Protocol Download](#)

Gene Info — THR B

Entrez GeneID	7068
Gene Name	THR B
Gene Alias	ERBA-BETA, ERBA2, GRTH, MGC126109, MGC126110, NR1A2, PRTH, THR1, THR B1, THR B2

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](#)