Immunotag™ TRH-R1 Polyclonal Antibody

Antibody Specification

Catalog No.	ITT4734
Product Description	Immunotag™ TRH-R1 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TRH-R1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat,Monkey
Host Species	Rabbit
Immunogen	Synthesized peptide derived from TRH-R1, at AA range: 170-250
Specificity	TRH-R1 Polyclonal Antibody detects endogenous levels of TRH-R1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	TRHR
Accession No.	P34981 P21761 Q01717
Alternate Names	TRHR; Thyrotropin-releasing hormone receptor; TRH-R; Thyroliberin receptor
Description	thyrotropin releasing hormone receptor(TRHR) Homo sapiens This gene encodes a G protein-coupled receptor for thyrotropin-releasing hormone (TRH). Upon binding to TRH, this receptor activates the inositol phospholipid-calcium-protein kinase C transduction pathway. Mutations in this gene have been associated with generalized thyrotropin-releasing hormone resistance. [provided by RefSeq, Sep 2011],

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Cell Pathway/ Category	Calcium,Neuroactive ligand-receptor interaction,
Protein Expression	Brain,Pituitary,Placenta,
Subcellular Localization	plasma membrane,integral component of plasma membrane,
Protein Function	function:Receptor for thyrotropin-releasing hormone. This receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system.,similarity:Belongs to the G-protein coupled receptor 1 family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.