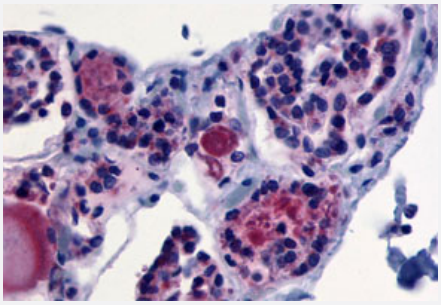
TSHR polyclonal antibody

Catalog # PAB27689 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human thyroid, follicular epithelium with TSHR polyclonal antibody (Cat # PAB27689). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TSHR.
Immunogen	A synthetic peptide corresponding to 19 amino acid at C-terminus of human TSHR.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except L HCGR (42%).
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-13 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — TSHR

Entrez GeneID	7253
Protein Accession#	P16473
Gene Name	TSHR
Gene Alias	CHNG1, LGR3, MGC75129, hTSHR-I
Gene Description	thyroid stimulating hormone receptor
Omim ID	603372 603373 609152
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a membrane protein and a major controller of thyroid cell met abolism. The encoded protein is a receptor for thyrothropin and thyrostimulin, and its activity is me diated by adenylate cyclase. Defects in this gene are a cause of several types of hyperthyroidism. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	seven transmembrane helix receptor|thyroid stimulating hormone receptor, isoform 2|thyrotropin r eceptor|thyrotropin receptor-I, hTSHR-I

Pathway

- Autoimmune thyroid disease
- Neuroactive ligand-receptor interaction

Disease

- Abortion
- Congenital Hypothyroidism
- Connective Tissue Diseases
- Fetal Diseases
- Genetic Predisposition to Disease
- Goiter
- Graves Disease
- Graves Ophthalmopathy
- Hashimoto Disease
- Hypertension
- Hypothyroidism
- Infection
- Infertility
- Inflammation
- Insulin Resistance
- Mitral Valve Prolapse
- Musculoskeletal Diseases
- Pancreatic cancer
- Pancreatic Neoplasms
- Pregnancy Complications
- Premature Birth
- Skin Diseases
- Thyroid Diseases

- Thyroid Neoplasms
- Thyroid Nodule
- Thyroiditis
- Thyrotoxicosis
- Tobacco Use Disorder