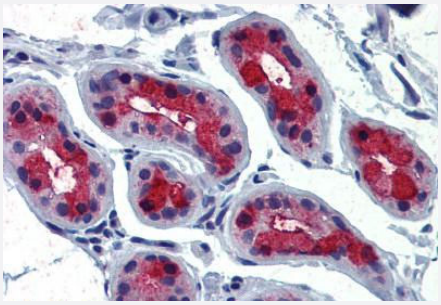
TSHR polyclonal antibody

Catalog # PAB27707 Size 50 ug

Applications



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human skin tissue with TSHR polyclonal antibody (Cat # PAB27707). 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 20 amino acid at C-terminus of human TSHR.
Host	Rabbit
Reactivity	Human, Monkey
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (7-12 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.

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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