

DNAxPAb

Hard-to-Find
Antibody

TSHR DNAxPab

Catalog # H00007253-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TSHR DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRPADLLQLVLLDLPRDLGGMGCSPPCECHQEEDFRVTCKDIQRIPSLPPSTQTLKLIETHLRTI PSHAFSNLPNISRIYVSIDVTLQQLESHSFYNLSKVTHIEIRNTRNLTYIDPDALKELPLLKFLGIFNTGL KMFPDLTKVYSTDIFFILEITDNPYMTSIPVNAFQGLCNETLTLKLYNNGFTSVQGYAFNGTKLDAVY LNKNKYLTVIDKDAFGGVYSGPSLLDVSQTSVTALPSKGLEHLKELIARNTWTLKKLPLSLSFLHLT RADLSYPSHCCAFKNQKKIRGILESLMCNESSMQSLRQRKSVNALNSPLHQEYEENLGDSIVGYK EKSKFQDTHNNAHYVFFEEQEDEIIGFGQELKNPQEETLQAFDSHYDYTCGDSSEDMVCTPKSD EFNPCEDIMGYKFLRIVVWFVSLALLGNVFLILLTSHYKLNVPFLMCNLAFADFCMGMYLLLIA SVDLYTHSEYNNHAIDWQTGPGCNTAGFFTTFASELSVYTLTVITLERWYAITFAMRLDRKIRLRHA CAIMVGGWVCCFLLALLPLVGISSYAKVSICLPMDTETPLALAYVFLTLNNAFVVMCCCYVKMTV RNPQYNPGDKDTKIAKRMVLIPTDFICMAPISFYALSAILNKPLITVSNKILLVLFYPLNSCANPFLY AIFTKAFQRDVFILLSKFGICKRQAQAYRGQRVPPKNSTDIQVQKVTHEMRQGLHNMEDVYELIEN SHLTPKKQGQISEEYMQTVL
Host	Rabbit
Reactivity	Human
Purification	Protein A
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](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — TSHR

Entrez GeneID [7253](#)

GeneBank Accession# [BC156779.1](#)

Protein Accession# [AA156780.1](#)

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 metabolism. The encoded protein is a receptor for thyrothrin and thyrostimulin, and its activity is mediated 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 receptor|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](#)