

Rabbit TSH Receptor / TSHR Polyclonal Antibody | anti-TSHR antibody

Rabbit Polyclonal to Human TSH Receptor / TSHR

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52068	Rabbit	Human Predicted Reactivity: Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Bat, Dog, Guinea pig, Horse, Pig (at least 90% immunogen sequence identity)	Immunohistochemistry

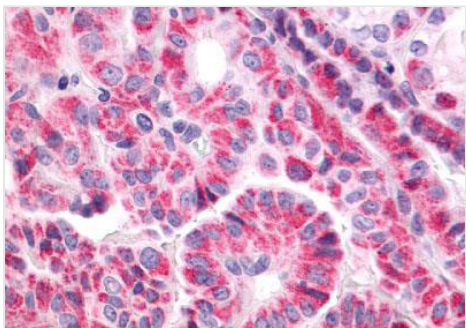
PRODUCT SYNONYMS

TSH Receptor / TSHR; Polyclonal Antibody; Rabbit Polyclonal to Human TSH Receptor / TSHR; Anti-TSH Receptor / TSHR Antibody (C-Terminus) IHC-plus; TSHR; CHNG1; HTSHR-I; LGR3; Thyrotrophin receptor; TSH-R; TSH receptor; Thyrotropin receptor; Human TSH Receptor; anti-TSHR antibody

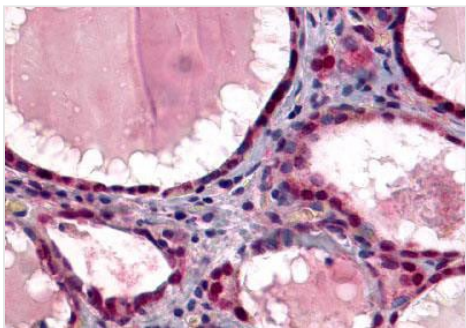
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Bat, Dog, Guinea pig, Horse, Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human TSH Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except LHCGR (42%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	764
Applicable Applications for anti-TSHR antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 19 amino acid peptide from C-terminus of human TSH Receptor. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Bat, Dog, Elephant, Horse, Pig, Guinea pig (94%).
Immunogen Type	Synthetic peptide
Immunogen	TSH Receptor / TSHR antibody was raised against synthetic 19 amino acid peptide from C-terminus of human TSH Receptor. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Bat, Dog, Elephant, Horse, Pig, Guinea pig (94%); Mouse, Rat, Sheep, Cat, Bovine, Hamster, Panda, Rabbit, Opossum (89%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

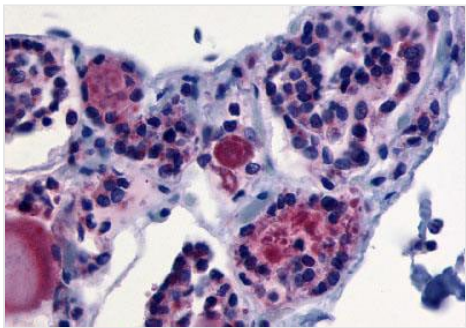
IMAGES



IHC (Immunohistochemistry)
Anti-TSH Receptor / TSHR antibody IHC of human Thyroid, Papillary Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-TSH Receptor / TSHR antibody IHC of human Thyroid, Follicular Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-TSH Receptor antibody IHC of human thyroid, follicular epithelium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-TSHR antibody	Thyrotropin Receptor, a Glycoprotein Hormone Receptor, plays a central role in controlling thyroid cell metabolism. The TSH receptor can interact with both TSH and autoantibodies against the TSH receptor (thyroid-stimulating immunoglobulins, TSI). Mutations in the receptor are the cause for hyperthyroidism such as gestational hyperthyroidism (hypersensitivity to chorionic gonadotropin) and Grave's disease (autoimmune hyperthyroidism).
Product Categories/Family for anti-TSHR antibody	Family: GPCR; Subfamily: Glycoprotein hormone

NCBI AND UNIPROT INFORMATION

NCBI GI #	64085121
NCBI GeneID	7253
NCBI Accession #	NP_000360.2
NCBI GenBank Nucleotide #	NM_000369.2
UniProt Accession #	P16473; Q16503; Q8TB90; Q96GT6; Q9P1V4; Q9ULA3; Q9UPH3; A0PJU7; F5GYU5; G3V2A9
Molecular Weight	30,800 Da
NCBI Official Full Name	thyrotropin receptor isoform 1
NCBI Official Synonym Full Names	thyroid stimulating hormone receptor
NCBI Official Symbol	TSHR
NCBI Official Synonym Symbols	LGR3; CHNG1; hTSHR-I

NCBI Protein Information	thyrotropin receptor; thyrotropin receptor-I, hTSHR-I; seven transmembrane helix receptor; thyroid stimulating hormone receptor, isoform 2
UniProt Protein Name	Thyrotropin receptor
UniProt Gene Name	TSHR
UniProt Synonym Gene Names	LGR3; TSH-R
UniProt Entry Name	TSHR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tsh-receptor-tshr-antibody-immunohistochemistry-elisa/52068>