

Rabbit TSHR Polyclonal Antibody | anti-TSHR antibody

TSHR antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198972	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Immunohistochemistry, Western Blot

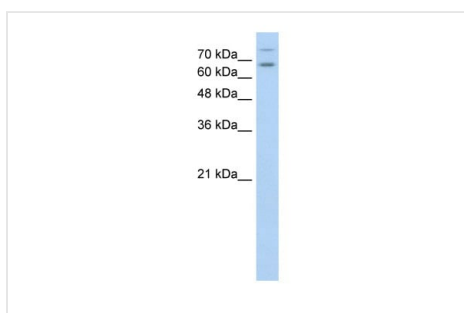
PRODUCT SYNONYMS

TSHR; Polyclonal Antibody; TSHR antibody - N-terminal region; anti-TSHR antibody

PRODUCT SPECIFICATIONS

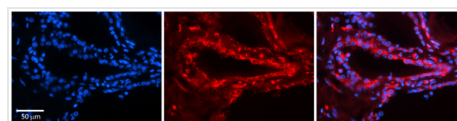
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EL IARNTWTLKK LPLSLFLHL TRADLSYP SH CCAFKNQKKI RGILESLM
Sequence Length	764
Applicable Applications for anti-TSHR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TSHR
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-TSHR Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-TSHR Antibody Formalin Fixed Paraffin Embedded Tissue: Human Thyroid Tissue
Observed Staining: Plasma membrane and cytoplasm in follicular cells
Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-TSHR antibody	This is a rabbit polyclonal antibody against TSHR. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TSHR is receptor for thyrothropin. It plays a central role in controlling thyroid cell metabolism. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. It also acts as a receptor for thyrostimulin (GPA2+GPB5).
Product Categories/Family for anti-TSHR antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Tissue Specific & Cell Marker; Receptors; GPCR; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	64085121
NCBI GeneID	7253
NCBI Accession #	NP_000360
NCBI GenBank Nucleotide #	NM_000369
UniProt Accession #	P16473
Molecular Weight	84kDa
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
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/tshr-antibody-immunohistochemistry-western-blot-elisa/198972>