

Rabbit TSHR Polyclonal Antibody | anti-TSHR antibody

TSHR antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198971	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Western Blot

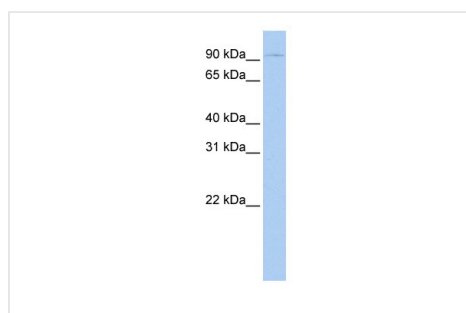
PRODUCT SYNONYMS

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

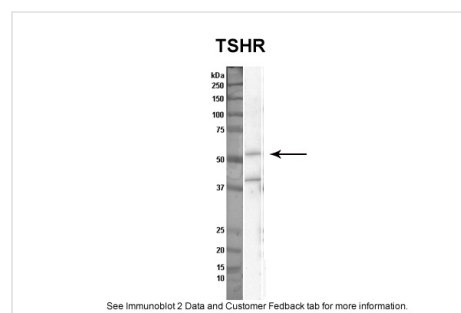
PRODUCT SPECIFICATIONS

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: LT LKLYNNGFTS VQGYAFNGTK LDAVYLNNKNK YLTVIDKDAF GGVYSGPS
Sequence Length	764
Applicable Applications for anti-TSHR antibody	WB (Western Blot)
Homology	Cow: 92%; Dog: 92%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 92%; Rat: 92%; Sheep: 92%
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
ELISA Titer: 1:312500
Positive Control: Hela cell lysate


WB (Western Blot)

Sample Type: human thyroid
Sample Type: Nthy-ori cell lysate (50ug)
Primary Dilution: 1:1000
Secondary Antibody: anti-rabbit HRP
Secondary Dilution: 1:2000
Image Submitted By: Anonymous

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	87kDa
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-western-blot-elisa/198971>