

Rabbit TSHR Polyclonal Antibody | anti-TSHR antibody

TSHR antibody - N-terminal region

CATALOG # AAA199009	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human, Mouse, Rabbit, Rat, Sheep	APPLICATIONS Western Blot
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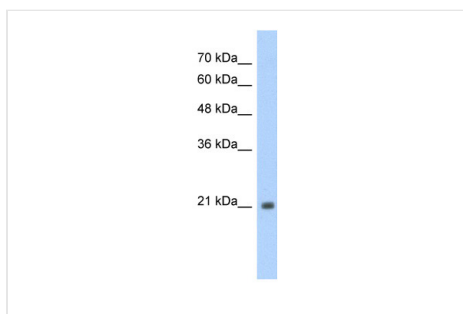
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

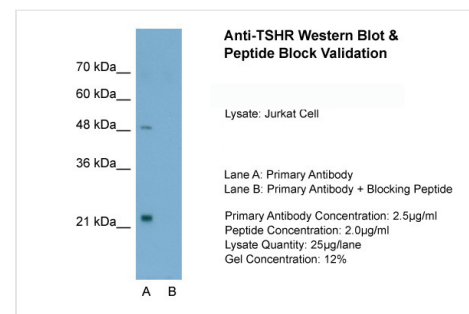
Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: CH QEEDFRVTCK DIQRIPSLPP STQTLKLIET HLRITPSHAF SNLPNISR
Sequence Length	253
Applicable Applications for anti-TSHR antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 86%; Horse: 86%; Human: 100%; Mouse: 79%; Rabbit: 77%; Rat: 79%; 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: 1.25ug/ml
Positive Control: Jurkat cell lysate
There is BioGPS gene expression data showing that TSHR is expressed in Jurkat



WB (Western Blot)

Host: Rabbit
Target Name: TSHR
Sample Type: Jurkat
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 2.5ug/mL
Peptide Concentration: 2.0ug/mL
Lysate Quantity: 25ug/lane
Gel Concentration: 12%
There is BioGPS gene expression data showing that TSHR is expressed in Jurkat

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; Tissue Specific & Cell Marker; Receptors; GPCR; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	64085161
NCBI GeneID	7253
NCBI Accession #	NP_001018046
NCBI GenBank Nucleotide #	NM_001018036
UniProt Accession #	Q96GT6; P16473
Molecular Weight	28kDa
NCBI Official Full Name	thyrotropin receptor isoform 2
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

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.