

## Product datasheet for **TA346181**

### TSH Receptor (TSHR) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TSHR antibody: synthetic peptide directed towards the N terminal of human TSHR. Synthetic peptide located within the following region: ELIARNTWTLKKLPLSLSFLHLTRADLSYPSHCCAFKNQKKIRGILESLM
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	84 kDa
Gene Name:	thyroid stimulating hormone receptor
Database Link:	<a href="#">NP_000360</a> <a href="#">Entrez Gene 7253 Human P16473</a>
Background:	TSHR is receptor for thyrothopin. 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).
Synonyms:	CHNG1; hTSHR-I; LGR3
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Sheep: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 86%

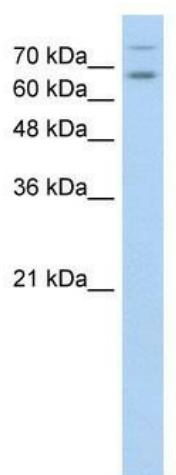


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**Protein Families:** Druggable Genome, GPCR, Transmembrane

**Protein Pathways:** Autoimmune thyroid disease, Neuroactive ligand-receptor interaction

**Product images:**



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