

Datasheet for ABIN726290

anti-TSH receptor antibody (AA 648-740)

3 Images

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Overview

Quantity:	100 µL
Target:	TSH receptor (TSHR)
Binding Specificity:	AA 648-740
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSH receptor antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TSHR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Pig,Horse,Chicken,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	TSH receptor (TSHR)
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Target Details

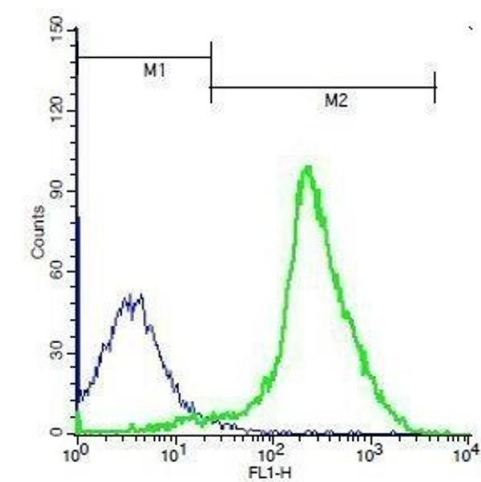
Alternative Name:	TSHR (TSHR Products)
Background:	<p>Synonyms: LGR3, CHNG1, hTSHR-I, Thyrotropin receptor, Thyroid-stimulating hormone receptor, TSH-R, TSHR</p> <p>Background: Receptor for thyrothropin. Plays a central role in controlling thyroid cell metabolism. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. Also acts as a receptor for thyrostimulin (GPA2+GPB5).</p>
Gene ID:	7253
UniProt:	P16473
Pathways:	Thyroid Hormone Synthesis

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>FCM 1:20-100</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

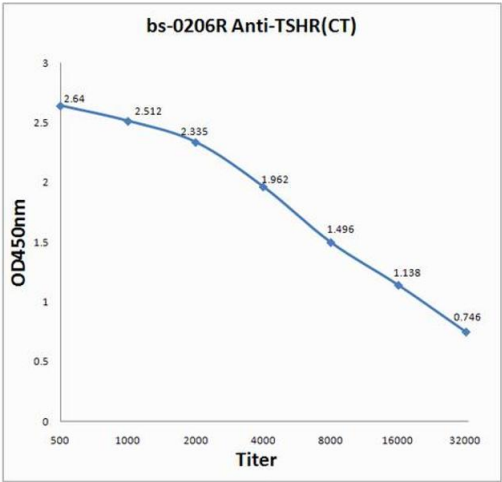
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



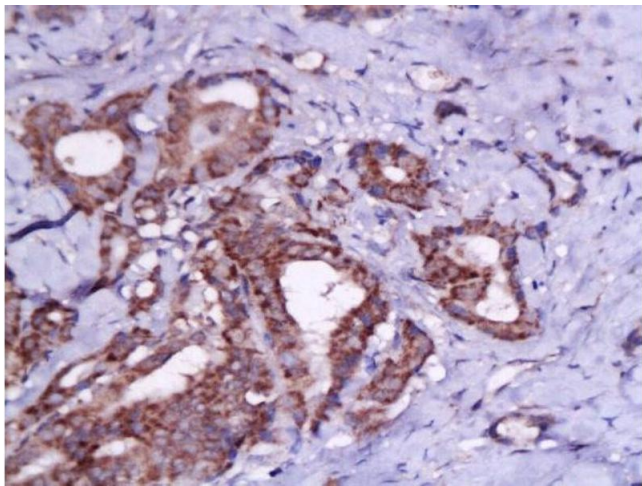
Flow Cytometry

Image 1. Mouse thymocytes probed with Rabbit Anti-TSHR Polyclonal Antibody, Unconjugated .



ELISA

Image 2. Antigen: 0.2 µg/100 µL Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450nm.



Immunohistochemistry

Image 3. Formalin-fixed and paraffin embedded human lung tissue labeled with Rabbit Anti-TSHR Polyclonal Antibody (ABIN726290) at 1:200 followed by conjugation to the secondary antibody and DAB staining.