

Datasheet for ABIN677378

anti-TSH receptor antibody (AA 201-300)



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3 Images

Overview

Quantity:	100 µL
Target:	TSH receptor (TSHR)
Binding Specificity:	AA 201-300
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSH receptor antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS)

Product Details

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

Target Details

Target:	TSH receptor (TSHR)
Alternative Name:	TSHR (TSHR Products)
Background:	Synonyms: LGR3, CHNG1, hTSHR-I, Thyrotropin receptor, Thyroid-stimulating hormone

Target Details

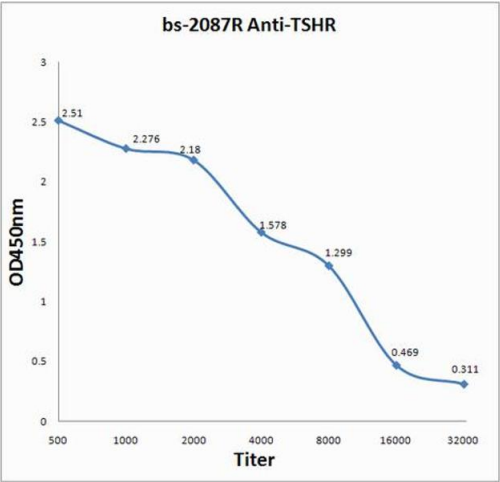
	receptor, TSH-R, TSHR
	Background: Receptor for thyrothropin. Plays a central role in controlling thyroid cell metabolism. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. Also acts as a receptor for thyrostimulin (GPA2+GPB5).
Gene ID:	7253
UniProt:	P16473
Pathways:	Thyroid Hormone Synthesis

Application Details

Application Notes:	ELISA 1:500-1000 FCM 1:20-100
Restrictions:	For Research Use only

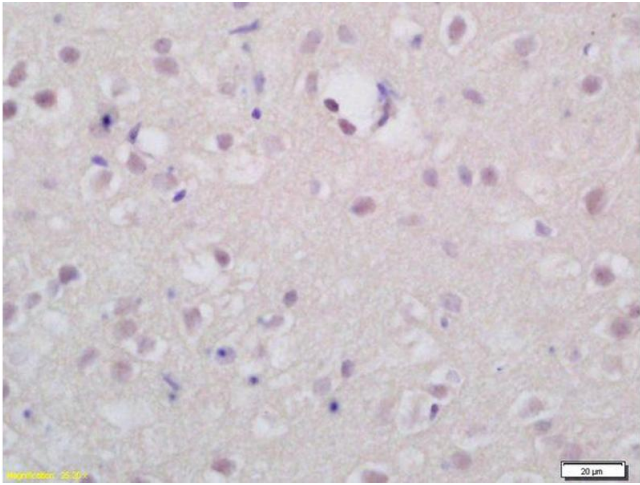
Handling

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



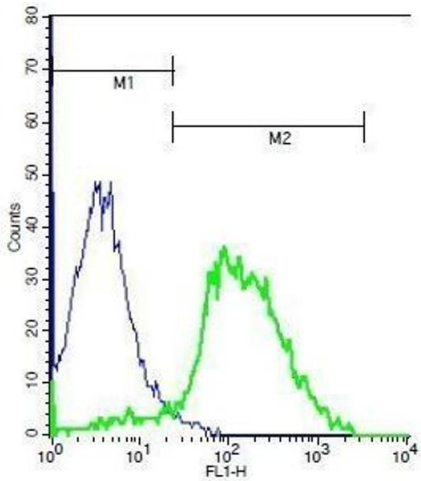
ELISA

Image 1. 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 2. Formalin-fixed and paraffin embedded rat brain labeled with Rabbit Anti-TSHR Polyclonal Antibody (ABIN677378) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Flow Cytometry

Image 3. Mouse thymocytes probed with Rabbit Anti-TSHR Polyclonal Antibody, Unconjugated .