



[Go to Product page](#)

Datasheet for ABIN668901

## anti-TSH receptor antibody (AA 501-600)

### 5 Images

#### Overview

Quantity:	100 µL
Target:	TSH receptor (TSHR)
Binding Specificity:	AA 501-600
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSH receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

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

#### Target Details

Target:	TSH receptor (TSHR)
Alternative Name:	TSHR ( <a href="#">TSHR Products</a> )

## Target Details

---

Background: Synonyms: LGR3, CHNG1, hTSHR-I, Thyrotropin receptor, Thyroid-stimulating hormone 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: WB 1:300-5000  
ELISA 1:500-1000  
FCM 1:20-100  
IHC-P 1:200-400

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.

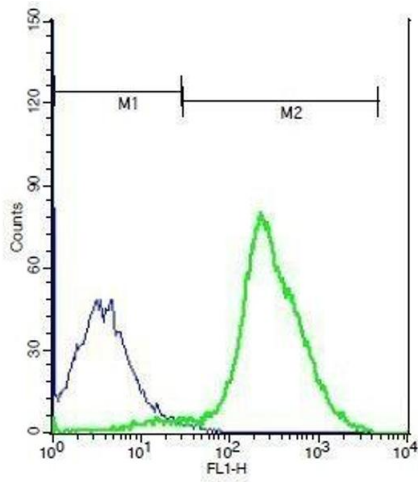
Preservative: ProClin

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

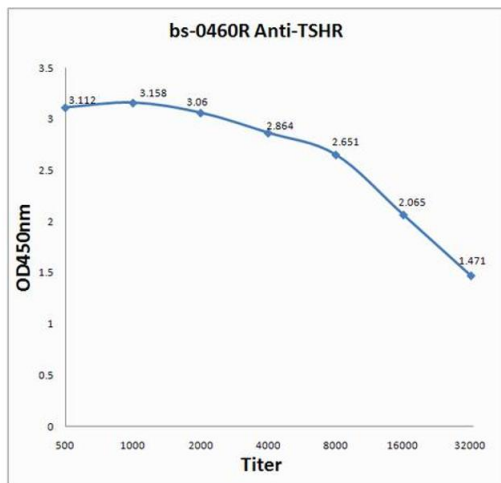
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



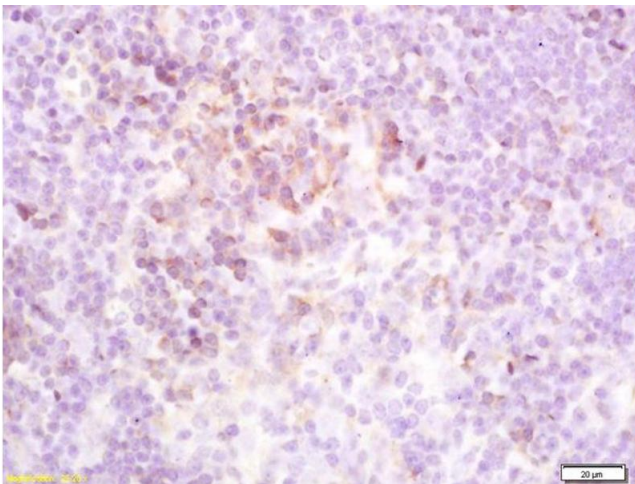
### Flow Cytometry

**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 mouse spleen labeled with Rabbit Anti-TSHR Polyclonal Antibody (ABIN668901) at 1:200 followed by conjugation to the secondary antibody and DAB staining

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN668901.