

Datasheet for ABIN768652

**anti-TSH receptor antibody (AA 101-115)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	TSH receptor (TSHR)
Binding Specificity:	AA 101-115
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TSH receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	TSHR (aa101-115)
Immunogen:	Peptide with sequence C-SKVTHIEIRNTRNLT, from the internal region of the protein sequence according to NP_000360.2, NP_001018046.1.
Sequence:	SKVTHIEIRN TRNLT
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoform 1 (NP_000360.2) and isoform 2 (NP_001018046.1). The immunizing peptide sequence corresponds to a part of the extracellular domain.
Cross-Reactivity:	Cow, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

## Product Details

chromatography using the immunizing peptide.

Grade: Verified

## Target Details

Target: TSH receptor (TSHR)

Alternative Name: TSHR ([TSHR Products](#))

Background: TSHR, thyroid stimulating hormone receptor, CHNG1, LGR3, MGC75129, hTSHR-I, TSH-R, seven transmembrane helix receptor, thyroid-stimulating hormone receptor, thyrotropin receptor, thyrotropin receptor-I, hTSHR-I

Molecular Weight: 28.4kDa according to NP\_001018046.1

Gene ID: 7253

NCBI Accession: [NP\\_000360](#), [NP\\_001018046](#)

Pathways: [Thyroid Hormone Synthesis](#)

## Application Details

Application Notes: Western Blot: Approx 28 kDa band observed in Human Thyroid Gland lysates (calculated MW of 28.4 kDa according to NP\_001018046.1). Recommended concentration: 0.5-2 µg/mL.  
Peptide ELISA: antibody detection limit dilution 1:16000.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Handling

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Western Blotting

**Image 1.** ABIN768652 (0.5µg/ml) staining of Human Thyroid gland lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.