

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB11115 - Goat Anti-TSHR (aa101-115) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: TSHR

Accession Number(s): NP_000360.2; NP_001018046.1

Human GeneID(s): 7253

Important Comments: 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.

Immunogen

Peptide with sequence C-SKVTHIEIRNTRNLT, from the internal region of the protein sequence according to NP_000360.2; NP_001018046.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

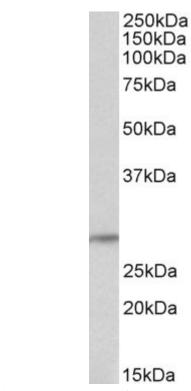
Western blot: Approx 28kDa band observed in Human Thyroid Gland lysates (calculated MW of 28.4kDa according to NP_001018046.1). Recommended concentration:

0.1-0.3µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Cow



EB11115 ($0.1\mu g/ml$) staining of Human Thyroid Gland lysate ($35\mu g$ protein in RIPA buffer). Detected by chemiluminescence.