

## TSHR Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 250900

**Unit:** 0.1 mg

**Description:**

Thyroid-stimulating hormone receptor (TSHR) is a glycoprotein secreted by the thyroid gland, and has a direct role in the thyroid cell metabolism. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. Defects in TSHR are the cause of subclinical hypothyroidism, hyperthyroidism, thyrotropin resistance, thyroid neoplasms, Graves disease, and non-autoimmune hyperthyroidism. This antibody is mainly used for pituitary tumor classification study.

**Isotype:** Rabbit Ig

**Applications:** E, IHC, WB

**Species Reactivity:** H, M, R

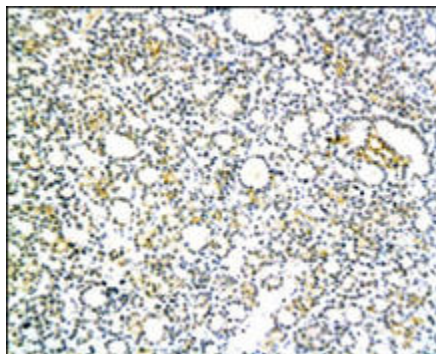
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

**Alternate Names:** Thyrotropin receptor; TSH-R; thyroid-stimulating hormone receptor; TSHR; LGR3

**Accession No.:** P16473

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human TSHR.

**Application Notes:** E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



**TSHR staining in human thyroid gland. Paraffin-embedded human thyroid gland is stained with TSHR Antibody (Cat. No. 250900) used at 1:200 dilution.**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.