

TSH receptor antibody [HL3874]

Cat. No. GTX642112

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, FCM
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
FCM	Assay dependent

Note : Permeabilization : 0.1% saponin

Not tested in other applications.

Observed MW (kDa)	68 kDa.
Product Note	This antibody was raised against human TSH receptor Extracellular domain.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml
Immunogen	Synthetic peptide encompassing a sequence within the Extracellular domain of human TSH receptor. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

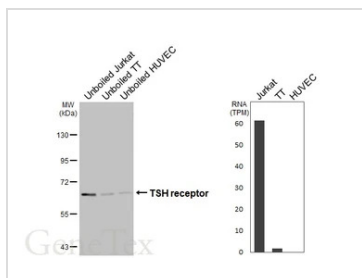


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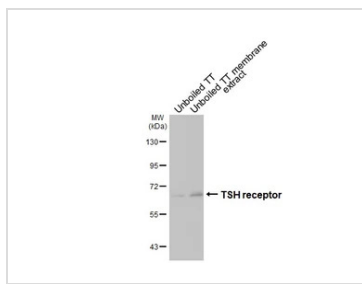
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Note

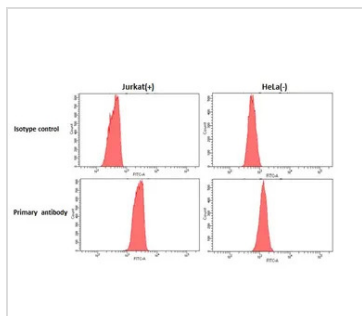
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DATA IMAGES

GTx642112 WB Image

Unboiled various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with TSH receptor antibody [HL3874] (GTx642112) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody. Corresponding RNA expression data are based on Human Protein Atlas program.


GTx642112 WB Image

Unboiled TT whole cell and membrane extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with TSH receptor antibody [HL3874] (GTx642112) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


GTx642112 FCM Image

TSH receptor antibody [HL3874] (GTx642112) detects TSHR protein by flow cytometry analysis. Sample: Jurkat and HeLa cells were fixed in 4% paraformaldehyde at 4°C for 15 min and washed with 0.1% saponin buffer to permeabilize the cell membrane. The cells were following stained with TSH receptor antibody [HL3874] (GTx642112) diluted at 1:50 or a Rabbit IgG isotype control (GTx35035) control at 4°C for 1 hour. The classification of protein expression as positive or negative was primarily based on data from the Human Protein Atlas (HPA).



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