

Datasheet for ABIN1538081
anti-TRHR antibody (AA 209-238)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	TRHR
Binding Specificity:	AA 209-238
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRHR antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TRHR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 209-238 amino acids from the Central region of human TRHR.
Clone:	RB38442
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TRHR
Alternative Name:	TRHR (TRHR Products)

Target Details

Background: Thyrotropin-releasing hormone (TRH, MIM 275120), a small neuropeptide, is widely distributed throughout the central and peripheral nervous system as well as in extraneural tissues. The peptide is synthesized in the hypothalamus and transported by the portal vascular system to the anterior pituitary where it acts on thyrotropic and lactotropic cells to promote secretion of TSH and prolactin, respectively. Thyrotropin-releasing hormone receptor is a G protein-coupled receptor that activates the inositol phospholipid-calcium-protein kinase C transduction pathway upon the binding of TRH. The TRHR gene is expressed in the thyrotrope cells of the anterior pituitary.

Molecular Weight: 45085

Gene ID: 7201

NCBI Accession: [NP_003292](#)

UniProt: [P34981](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

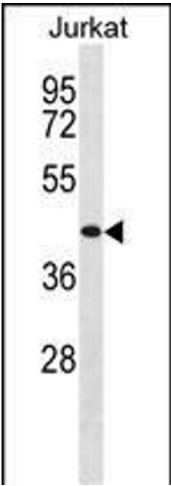
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Storage Comment: TRHR Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. TRHR Antibody (Center) (ABIN1538081 and ABIN2849885) western blot analysis in Jurkat cell line lysates (35 µg/lane). This demonstrates the TRHR Antibody detected the TRHR protein (arrow).