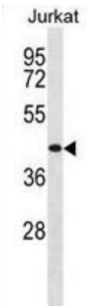
Thyrotropin-Releasing Hormone Receptor (TRHR) Antibody

Catalogue No.:abx030262



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.

Target:	Thyrotropin-Releasing Hormone Receptor (TRHR)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 209-238 amino acids from the Central region of human TRHR.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P34981 (UniProt, ExPASy)

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Gene Symbol:	TRHR
KEGG:	hsa:7201
String:	9606.ENSP00000430711
Molecular Weight:	Calculated MW: 45.1 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Rat TRHR.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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