

Product Name: TRH-R1 Rabbit Polyclonal Antibody
Catalog #: AP Rab19243



Summary

Production Name	TRH-R1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat,Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TRHR
Alternative Names	TRHR; Thyrotropin-releasing hormone receptor; TRH-R; Thyroliberin receptor
Gene ID	7201.0
SwissProt ID	P34981.The antiserum was produced against synthesized peptide derived from human TRHR. AA range:195-244

Application

Dilution Ratio	WB 1:500-1:2000, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:20000.Not yet tested in other applications.
Molecular Weight	50kDa

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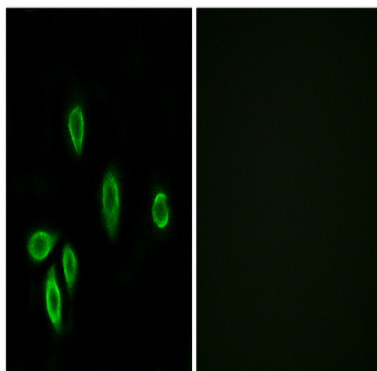
Background

This gene encodes a G protein-coupled receptor for thyrotropin-releasing hormone (TRH). Upon binding to TRH, this receptor activates the inositol phospholipid-calcium-protein kinase C transduction pathway. Mutations in this gene have been associated with generalized thyrotropin-releasing hormone resistance. [provided by RefSeq, Sep 2011],function:Receptor for thyrotropin-releasing hormone. This receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system.,similarity:Belongs to the G-protein coupled receptor 1 family.,

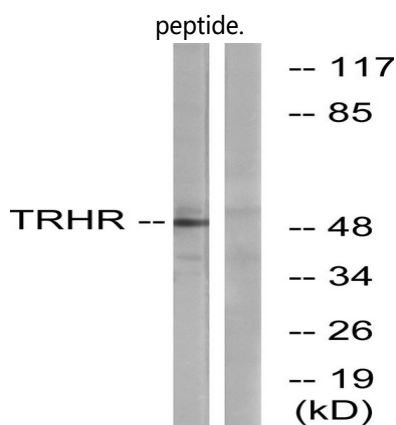
Research Area

Calcium;Neuroactive ligand-receptor interaction;

Image Data

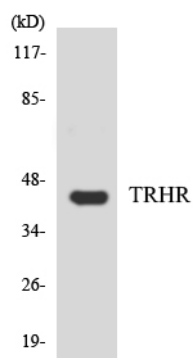


Immunofluorescence analysis of A549 cells, using TRHR Antibody. The picture on the right is blocked with the synthesized



Western blot analysis of lysates from COS7 cells, using TRHR Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HepG2 cells using TRHR antibody.

Note

For research use only.