Best Tools for immunology Research

TRH-R1 Polyclonal Antibody

Catalog No :	YT4734
Reactivity :	Human;Mouse;Rat;Monkey
Applications :	WB;IF;ELISA
Target :	TRH-R1
Fields :	>>Calcium signaling pathway;>>Neuroactive ligand-receptor interaction
Gene Name :	TRHR
Protein Name :	Thyrotropin-releasing hormone receptor
Human Gene Id :	7201
Human Swiss Prot No :	P34981
Mouse Gene Id :	22045
Mouse Swiss Prot No :	P21761
Rat Gene Id :	25570
Rat Swiss Prot No :	Q01717
Immunogen :	The antiserum was produced against synthesized peptide derived from human TRHR. AA range:195-244
Specificity :	TRH-R1 Polyclonal Antibody detects endogenous levels of TRH-R1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.

Purification : The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 50kD

Cell Pathway : Calcium;Neuroactive ligand-receptor interaction;

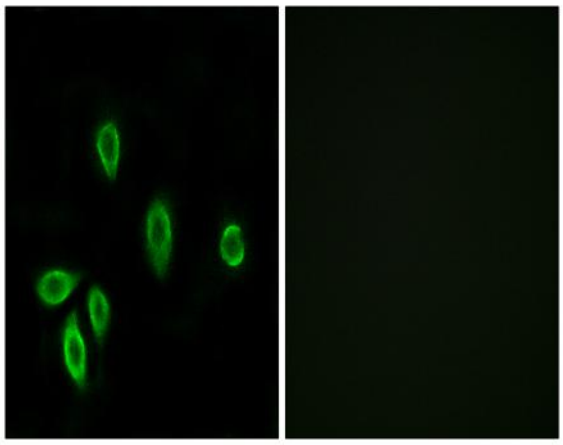
Background : This gene encodes a G protein-coupled receptor for thyrotropin-releasing hormone (TRH). Upon binding to TRH, this receptor activates the inositol phospholipid-calcium-protein kinase C transduction pathway. Mutations in this gene have been associated with generalized thyrotropin-releasing hormone resistance. [provided by RefSeq, Sep 2011],

Function : 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.,

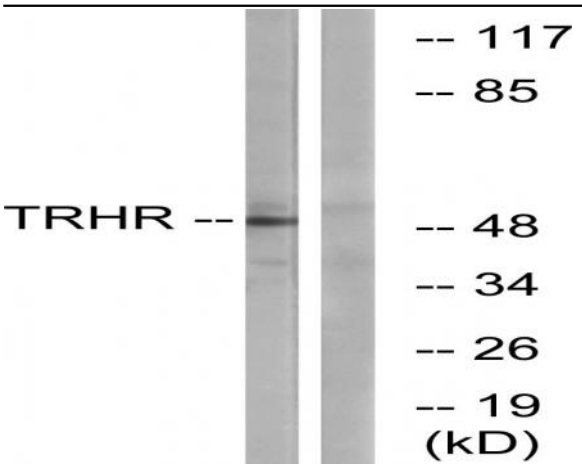
Subcellular Location : Cell membrane ; Multi-pass membrane protein .

Expression : Brain,Pituitary,Placenta,

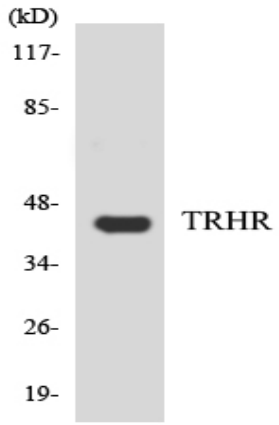
Products Images



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



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



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