10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-TRHR Antibody

Catalog # AP61359

Product Information

Application	WB, IF/IC
Primary Accession	P34981
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45085

Additional Information

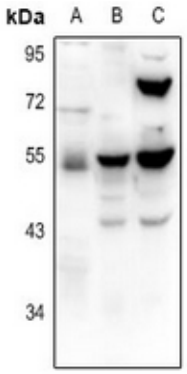
Gene ID	7201
Other Names	Thyrotropin-releasing hormone receptor; TRH-R; Thyroliberin receptor
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TRHR. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

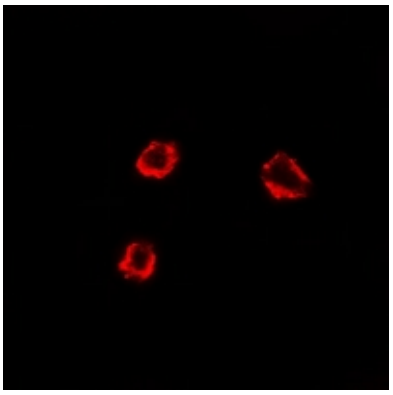
Protein Information

Name	TRHR
Function	Receptor for thyrotropin-releasing hormone (TRH). Upon ligand binding, this G protein-coupled receptor triggers activation of the phosphatidylinositol (IP3)-calcium-protein kinase C (PKC) pathway.
Cellular Location	Cell membrane; Multi-pass membrane protein

Images

Western blot analysis of TRHR expression in U87MG (A), mouse brain (B), mouse kidney (C) whole cell lysates. (Predicted band size: 45 kD; Observed band size: 55; 45 kD)





Immunofluorescent analysis of TRHR staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.