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Anti-TRHR Antibody
Rabbit polyclonal antibody to TRHR
Catalog # AP61359

Specification

Anti-TRHR Antibody - Product Information

Application	**WB, IF/IC**
Primary Accession	P34981
Other Accession	P21761
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**45085**

Anti-TRHR Antibody - Additional Information

Gene ID 7201

Other Names
Thyrotropin-releasing hormone receptor; TRH-R; Thyroliberin receptor

Target/Specificity
Recognizes endogenous levels of TRHR protein.

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 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-TRHR Antibody - 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

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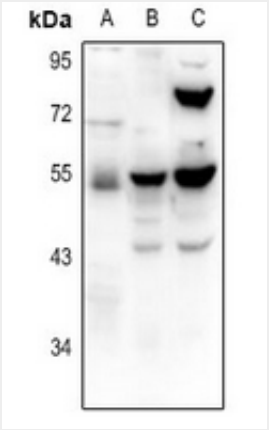
Anti-TRHR Antibody - Protocols

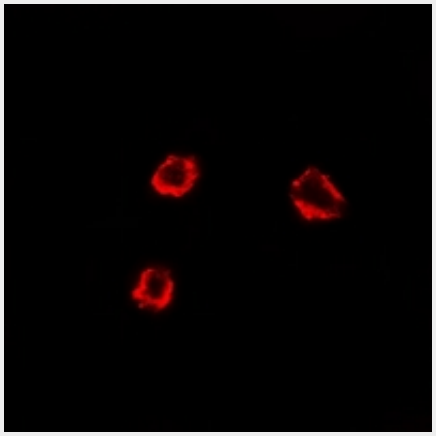
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-TRHR Antibody - Images



Western blot analysis of TRHR expression in U87MG (A), mouse brain (B), mouse kidney (C) whole cell lysates.



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.

Anti-TRHR Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human

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TRHR. The exact sequence is proprietary.