## Overview

### Product name
- Anti-TRH-R antibody

### Description
- Rabbit polyclonal to TRH-R

### Host species
- Rabbit

### Tested applications
- Suitable for: WB, IHC-P

### Species reactivity
- Reacts with: Dog, Human, Chimpanzee, Monkey
- Predicted to work with: Mouse, Rat, Cow, Opossum

### Immunogen
- Synthetic peptide corresponding to Human TRH-R aa 350-400 (C terminal).

### Positive control
- Human brain lysate. Human thyroid tissue.

### General notes
- Previously labelled as TRH Receptor.

## Properties

### Form
- Liquid

### Storage instructions
- Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.

### Storage buffer
- Preservative: 0.05% Sodium azide
- Constituents: 0.2% Gelatin, PBS

### Purity
- Protein G purified

### Clonality
- Polyclonal

### Isotype
- IgG

## Applications

Our Abpromise guarantee covers the use of ab72179 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

### Application | Abreviews | Notes
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WB | 2 | Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 45 kDa (predicted molecular weight: 45 kDa).
Function
Receptor for thyrotropin-releasing hormone. This receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system.

Sequence similarities
Belongs to the G-protein coupled receptor 1 family.

Cellular localization
Cell membrane.

Images

All lanes: Anti-TRH-R antibody (ab72179) at 0.5 µg/ml

Lane 1: Human brain lysate
Lane 2: Human brain lysate with immunising peptide

Predicted band size: 45 kDa
Observed band size: 45 kDa

ab72179 at 10µg/ml staining TRH-R in human thyroid by Immunohistochemistry using paraffin-embedded tissue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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