

**TRH Receptor / TRHR Antibody (Cytoplasmic Domain)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10293****Specification**

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**TRH Receptor / TRHR Antibody (Cytoplasmic Domain) - Product Information**

|                   |                           |
|-------------------|---------------------------|
| Application       | IHC                       |
| Primary Accession | <a href="#">P34981</a>    |
| Reactivity        | Human, Monkey, Horse, Dog |
| Host              | Rabbit                    |
| Clonality         | Polyclonal                |
| Calculated MW     | 45kDa KDa                 |

**TRH Receptor / TRHR Antibody (Cytoplasmic Domain) - Additional Information****Gene ID** 7201**Other Names**

Thyrotropin-releasing hormone receptor, TRH-R, Thyroliberin receptor, TRHR

**Target/Specificity**

Human TRH Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

TRH Receptor / TRHR Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

**TRH Receptor / TRHR Antibody (Cytoplasmic Domain) - 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

**Volume**

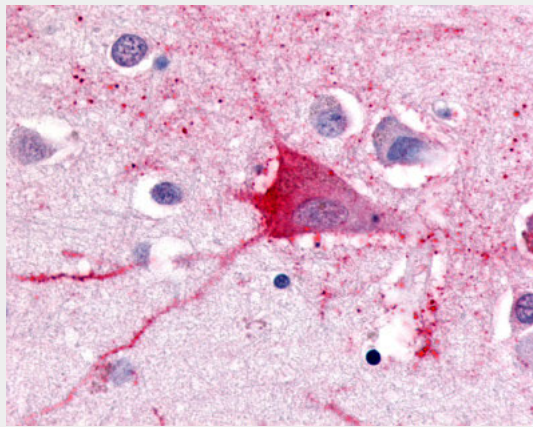
50 µl

## TRH Receptor / TRHR Antibody (Cytoplasmic Domain) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## TRH Receptor / TRHR Antibody (Cytoplasmic Domain) - Images



Anti-TRH Receptor antibody ALS10293 IHC of human brain, neurons and glia.

## TRH Receptor / TRHR Antibody (Cytoplasmic Domain) - Background

Receptor for thyrotropin-releasing hormone. This receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system.

## TRH Receptor / TRHR Antibody (Cytoplasmic Domain) - References

- Matre V., et al. *Biochem. Biophys. Res. Commun.* 195:179-185(1993).  
Yamada M., et al. *Biochem. Biophys. Res. Commun.* 195:737-745(1993).  
Duthie S.M., et al. *Mol. Cell. Endocrinol.* 95:R11-R15(1993).  
Hinuma S., et al. *Biochim. Biophys. Acta* 1219:251-259(1994).  
Iwasaki T., et al. *J. Biol. Chem.* 271:22183-22188(1996).