

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

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

Application	IHC-P
Primary Accession	P34981
Reactivity	Human, Monkey, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45kDa KDa
Dilution	IHC-P~~N/A

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

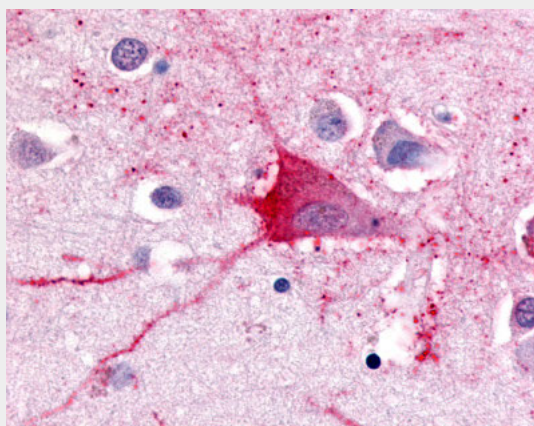
50 µl

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).