10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

TRH Receptor / TRHR Antibody (aa350-400)

Rabbit Polyclonal Antibody
Catalog # ALS11919

Specification

TRH Receptor / TRHR Antibody (aa350-400) - Product Information

Application	**WB**
Primary Accession	P34981
Reactivity	**Human, Mouse, Rat, Monkey, Opossum, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**45kDa KDa**

TRH Receptor / TRHR Antibody (aa350-400) - Additional Information

Gene ID 7201

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

Target/Specificity
A portion of amino acids 350-400 of human TRH-R protein

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
TRH Receptor / TRHR Antibody (aa350-400) is for research use only and not for use in diagnostic or therapeutic procedures.

TRH Receptor / TRHR Antibody (aa350-400) - 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

TRH Receptor / TRHR Antibody (aa350-400) - Protocols

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

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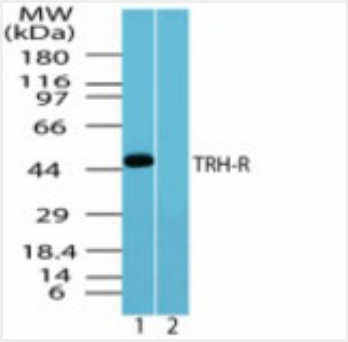
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TRH Receptor / TRHR Antibody (aa350-400) - Images



Western blot of human TRH-R in human brain lysate in the 1) absence and 2) presence of...

TRH Receptor / TRHR Antibody (aa350-400) - 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 (aa350-400) - 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).
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Hinuma S.,et al.Biochim. Biophys. Acta 1219:251-259(1994).
Iwasaki T.,et al.J. Biol. Chem. 271:22183-22188(1996).