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11-8021: Polyclonal Antibody to TRH-R

Clonality: Polyclonal

Application: WB Reactivity: Human Gene: **TRHR** Gene ID: 7201 **Uniprot ID:** P34981 Format: Purified **TRHR Alternative Name:** Rabbit IgG Isotype:

Immunogen Information: A partial length recombinant TRH-R protein (amino acids 180-398) was used as the

immunogen for this antibody.

Description

TRH-R (Thyrotropin-releasing hormone (TRH) receptors are Gq/11-protein-coupled receptors) is a member of G-protein coupled receptor 1 family. This is a thyrotropin-releasing hormone receptor. When it binds to TRH, it activates the inositol phospholipid-calcium-protein kinase C transduction pathway. TRH-R also interacts with ACP2acid phosphatase 2. Its expression found mainly in cerebrum, testis during developmental stage. Literature suggests that endogenous TRH and TRH receptor play an important role of a neurotransmission modulation in the brain to control emotional and mental functions.

Product Info

Amount : $25 \mu g / 100 \mu g$

Purification: Protein A Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition : Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Western blot analysis: 1-3 ̸µg/ml

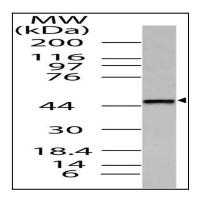


Fig-1: Western blot analysis of TRH-R. Anti-TRH-R antibody (11-8021) was used at 1 $\mu \text{g/ml}$ on T98G lysate.