

11-8021: Polyclonal Antibody to TRH-R

Clonality : Polyclonal

Application : WB

Reactivity : Human

Gene : TRHR

Gene ID : 7201

Uniprot ID : P34981

Format : Purified

Alternative Name : TRHR

Isotype : Rabbit IgG

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 µg / 100 µg

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

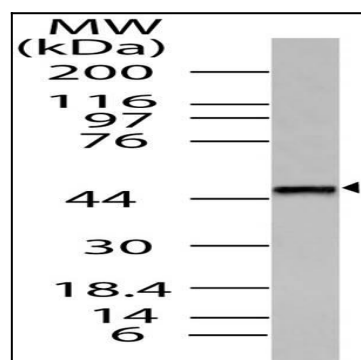


Fig-1: Western blot analysis of TRH-R. Anti-TRH-R antibody (11-8021) was used at 1 µg/ml on T98G lysate.