

## 11-8021: Polyclonal Antibody to TRH-R

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	TRHR
<b>Gene ID :</b>	7201
<b>Uniprot ID :</b>	P34981
<b>Format :</b>	Purified
<b>Alternative Name :</b>	TRHR
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	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.
<b>Storage condition :</b>	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 Åµg/ml

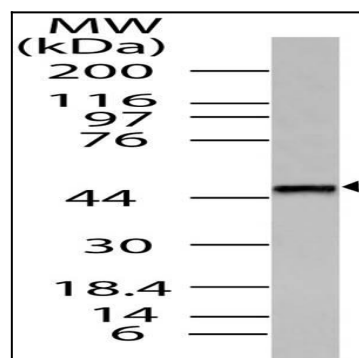


Fig-1: Western blot analysis of TRH-R. Anti-TRH-R antibody (11-8021) was used at 1 µg/ml on T98G lysate.