bs-16719R

- DATASHEET -

Host: Rabbit

Clonality: Polyclonal

Target: TRH Receptor

GenelD: 7201

[Primary Antibody]

Isotype: IgG

SWISS: P34981

TRH Receptor Rabbit pAb



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Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)

Reactivity: Mouse (predicted: Human, Rat, Rabbit, Sheep, Cow, Dog, Horse)

Predicted MW.: 45 kDa

Subcellular Location: Cell membrane

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Immunogen: KLH conjugated synthetic peptide derived from human TRH Receptor: 121-220/398. < Extracellular >

Background: This gene encodes a G protein-coupled receptor for thyrotropinreleasing hormone (TRH). Upon binding to TRH, this receptor activates the inositol phospholipid-calcium-protein kinase C transduction pathway. Mutations in this gene have been associated with generalized thyrotropin-releasing hormone resistance. [provided by RefSeq, Sep 2011]

— VALIDATION IMAGES



Tissue/cell: Mouse placenta tissue; 4% Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-TRH receptor Polyclonal Antibody, Unconjugated(bs-16719R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

- SELECTED CITATIONS -

- [IF=4.872] Dong X et al. PM2.5 disrupts thyroid hormone homeostasis through activation of the hypothalamicpituitary-thyroid (HPT) axis and induction of hepatic transthyretin in female rats 2.5Ecotoxicol Environ Saf.2021 Jan 15;208:111720. WB ;Rat. 33396051
- [IF=4.223] Dong, Xinwen. et al. Protective effects of curcumin against thyroid hormone imbalance after gas explosioninduced traumatic brain injury via activation of the hypothalamic-pituitary-thyroid axis in male rats. ENVIRON SCI POLLUT R. 2022 May;:1-13 WB,IHC ;Rat. 35641736