
5HT2A Receptor Rabbit pAb

Catalog Number: bs-12049R

Target Protein: 5HT2A Receptor

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

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

Predicted MW: 53 kDa

Entrez Gene: 3356

Swiss Prot: P28223

Source: KLH conjugated synthetic peptide derived from human 5HT2A Receptor: 51-150/471.

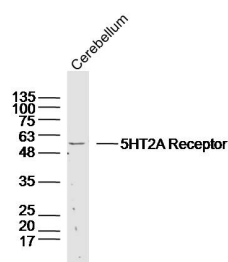
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

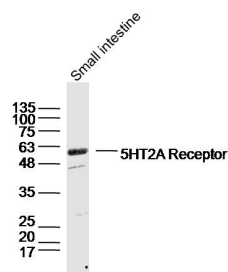
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 5HT2A receptor is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. 5HT2A receptor belongs to the G-protein coupled receptor 1 family and mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. This receptor is involved in tracheal smooth muscle contraction, bronchoconstriction, and control of aldosterone production. 5HT2A receptor is an integral membrane protein which localizes to the post-synaptic thickening of axo-dendritic synapses. 5HT2A receptor protein contains a PDZ domain-binding motif which is involved in the interaction with INADL, CASK, APBA1, DLG1 and DLG4.

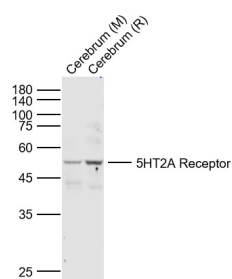
VALIDATION IMAGES



Sample: Cerebellum (Mouse) Lysate at 40 ug Primary: Anti-5HT2A Receptor (bs-12049R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size: 53 kD



Sample: Small intestine (Mouse) Lysate at 40 ug Primary: Anti-5HT2A Receptor (bs-12049R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size: 53 kD



Sample: Lane 1: Cerebrum (Mouse) Lysate at 40 ug Lane 2: Cerebrum (Rat) Lysate at 40 ug Primary: Anti-5HT2A Receptor (bs-12049R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size: 50 kD

PRODUCT SPECIFIC PUBLICATIONS

[IF=3.395] Yue-Xin Li, et al. Oxytocin inhibits hindpaw hyperalgesia induced by orofacial inflammation combined with stress. Mol Pain. 0;(): WB ; Rat . 35266833