

Anti-5HT2A Receptor Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 52 kDa. Actual: 50 kDa.
Purification:	Protein A purified

Applications

Sample:

Lane 1: Cerebrum (Mouse) Lysate at 40 µg

Lane 2: Cerebrum (Rat) Lysate at 40 µg

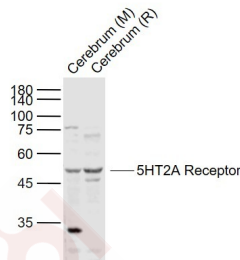
Verified Activity:

Primary: Anti-5HT2A Receptor (TMAB-00009) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 53 kDa

Observed band size: 50 kDa



Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human 5HT2A Receptor
Antigen Species:	Human
Gene ID:	3356
Uniprot ID:	P28223
Synonyms:	HTR2A;5-HT-2;5-HT-2A;5-hydroxytryptamine receptor 2A;HTR2;Serotonin receptor 2A
Biology Area:	Obesity,Serotonin Receptors

Research 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

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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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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