

Anti-5-HT-4 HTR4 Antibody

Catalog Number: A03681

About HTR4

This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that stimulate adenylate cyclase.

Blondel O., J. Neurochem. 70:2252-2261(1998).

Claeysen S., NeuroReport 8:3189-3195(1997).

Claeysen S., Mol. Pharmacol. 55:910-920(1999).

Overview

Product Name	Anti-5-HT-4 HTR4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-5-HT-4 HTR4 Antibody (Catalog # A03681). Tested in WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q13639

Technical Details

Immunogen	Synthesized peptide derived from internal of human 5-HT-4.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

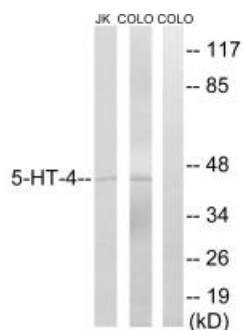
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

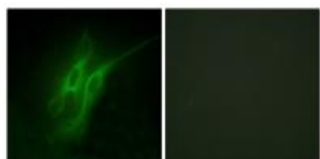
Western blotting: 1:500~1:3000

Immunofluorescence: 1:100~1:500

Anti-5-HT-4 HTR4 Antibody (A03681) Images



Western blot analysis of extracts from JK and COLO cells, using 5-HT-4 antibody A03681.



Immunofluorescence analysis of HeLa cells, using 5-HT-4 antibody A03681.

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