

Anti-5-HT-6 HTR6 Antibody

Catalog Number: A11122

About HTR6

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. It has a high affinity for tricyclic psychotropic drugs.

Kohen R., J. Neurochem. 66:47-56(1996).

Kopatz S.A., Submitted (OCT-2003) to the EMBL/GenBank/DDBJ databases.

Gregory S.G., Nature 441:315-321(2006).

Overview

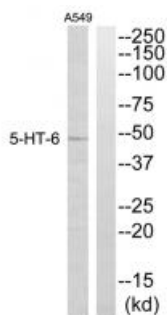
Product Name	Anti-5-HT-6 HTR6 Antibody
Reactive Species	Human
Description	Boster Bio Anti-5-HT-6 HTR6 Antibody (Catalog # A11122). Tested in WB applications. This antibody reacts with Human.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca 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	P50406

Technical Details

Immunogen	Synthesized peptide derived from internal of human 5-HT-6.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
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	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blotting: 1:500~1:3000</p>

Anti-5-HT-6 HTR6 Antibody (A11122) Images



Western blot analysis of extracts from A549 cells, using 5-HT-6 antibody A11122.

1 Publications Citing This Product

1. PubMed ID: 30315688, Ren S, Chen M, Yang L, Liu Z. 5-Hydroxytryptamine and Dopamine Neurons in the Cerebellum of the New-Hatching Yangtze Alligator *Alligator sinensis*. *Anat Rec (Hoboken)*. 2019 Jun;302(6):861-868. doi:10.1002/ar.23982. Epub 2018 Nov 13. PMID:30315688.

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