

5-HT-3A Antibody

Catalog No: #34152

Package Size: #34152-1 50ul #34152-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

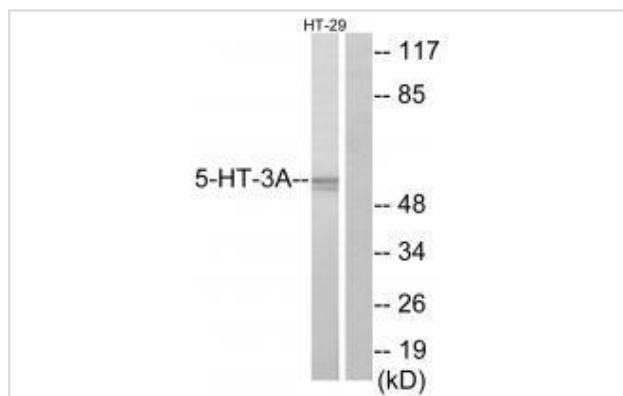
Description

Product Name	5-HT-3A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total 5-HT-3A protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human 5-HT-3A.
Target Name	5-HT-3A
Other Names	5-HT-3; 5-HT3R; 5-hydroxytryptamine 3 receptor; 5HT3R; HTR3
Accession No.	Swiss-Prot: P46098NCBI Gene ID: 3359
Uniprot	P46098
GeneID	3359;
SDS-PAGE MW	55kd
Concentration	1.0mg/ml
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	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HT-29 cells, using 5-HT-3A antibody #34152.

Background

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. This receptor is a ligand-gated ion channel, which when activated causes fast, depolarizing responses in neurons. It is a cation-specific, but otherwise relatively nonselective, ion channel.

Miyake A., Mol. Pharmacol. 48:407-416(1995).

Belelli D., Mol. Pharmacol. 48:1054-1062(1995).

Yamada K., Biol. Psychiatry 60:192-201(2006).

Note: This product is for in vitro research use only