

5-HT5A Receptor (HTR5A). Rabbit Antigen Immunoaffinity Purified Polyclonal
5-HT-5A, 5-HT5A, HTR5A, MGC138226

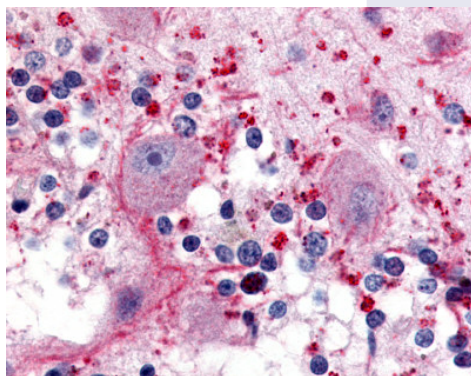
BACKGROUND

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. The activity of this receptor is mediated by G proteins.

IMMUNOGEN

3rd cytoplasmic domain of human

HTR5A staining of formalin fixed paraffin embedded human brain (cerebellum) tissue at a dilution of 10 μ g/ml. Antigen retrieval using a citrate buffer and steam/heat was utilized.



ORDERING INFORMATION

CATALOG NUMBER
X2142P

SIZE
50 μ g

FORM
Affinity Purified

HOST/CLONE
Rabbit

FORMULATION
Phosphate buffered saline containing 0.1% sodium azide

CONCENTRATION
See vial for concentration

ISOTYPE
IgG

APPLICATIONS
Immunohistochemistry

SPECIES REACTIVITY
Human

ACCESSION NUMBER
Human P47898

POSITIVE CONTROL/TISSUE EXPRESSION

Human brain.

COMMENTS

Antibody can be used for immunohistochemistry (5-10 µg/ml, formalin-fixed, paraffin embedded tissues). Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Immunoaffinity Purification

SHIP CONDITIONS

Ship on gel ice, store at -70°C immediately upon arrival

STORAGE CUSTOMER

Product should be stored at -70°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

1. Doly, S., et al. '5-HT5A receptor localization in the rat spinal cord suggests a role in nociception and control of pelvic floor musculature.' J. Comp. Neurol. 2004, 30, 316-329
2. Wang, Z.Y., et al. '5-HT5a receptors in the carotid body chemoreception pathway of rat.' Neurosci. Lett. 2000, 278, 9-12
3. Garcia-Alcocer, G., et al. 'Serotonin receptor 5-HT5A in rat hippocampus decrease by leptin treatment.' Neurosci. Lett. 2010, 486, 171-173.
4. Yosifova, A., et al. Case-control association study of 65 candidate genes revealed a possible association of a SNP of HTR5A to be a factor susceptible to bipolar disease in Bulgarian population. J. Affect Disord 2009, 117, 87-97
5. Schanen, N.C., et al. Assignment of the 5-hydroxytryptamine (serotonin) receptor 5A gene (HTR5A) to human chromosome band 7q36.1. Cytogenet. Cell. Genet. 1996, 72, 187-188

PRODUCT SPECIFIC REFERENCES