

Polyclonal Antibody to Serotonin receptor 2A (HTR2A) (N-term) - Aff - Purified

Alternate names:	5-HT-2, 5-HT-2A, 5-hydroxytryptamine receptor 2A
Catalog No.:	AP20069PU-N
Quantity:	50 µg
Concentration:	1.0 mg/ml
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 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.
Uniprot ID:	P28223
NCBI:	NP_000612
GeneID:	3356
Host / Isotype:	Rabbit / IgG
Immunogen:	HTR2A antibody was raised against synthetic peptide from human HTR2A / 5-HT2A. Remarks: Mouse Identity: 29% Mouse Similarity: 35% Rat Identity: 29% Rat Similarity: 35%
Format:	State: Liquid purified Ig fraction. Purification: Immunoaffinity Chromatography. Buffer System: PBS containing 0.09% Sodium Azide as preservative.
Applications:	Immunohistochemistry on Formalin Fixed Paraffin Embedded Tissues: 10-12.5 µg/ml (Requires pretreatment with Proteinase K). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Reacts with 5-HT2A Receptor (HTR2A).
Species Reactivity:	Tested: Human.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

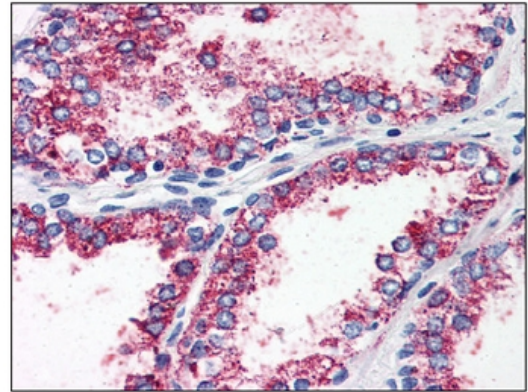
For research and in vitro use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com



Pictures:

Immunohistochemistry: AP20069PU-N
HTR2A antibody staining of Formalin-
Fixed, Paraffin-Embedded Human
Prostate.



Immunohistochemistry: AP20069PU-N
HTR2A antibody staining of Formalin-
Fixed, Paraffin-Embedded Human Skin.

