

Polyclonal Antibody to Serotonin receptor 7 (HTR7) (C-term) - Aff - Purified

Alternate names:	5-HT-7, 5-hydroxytryptamine receptor 7, 5HT7
Catalog No.:	SP4050P
Quantity:	50 µg
Concentration:	1 mg/ml
Background:	<p>5-HT7 Receptor is a Serotonin Receptor with several functions, including regulation of the circadian rhythm and mediation of smooth-muscle relaxation in the vasculature and GI tract. This receptor has been implicated in depression, autism, and other neuropsychiatric disorders. Three protein isoforms have been documented: isoform a: 445aa; isoform b: 432aa; isoform d: 479aa.</p> <p>5-HT7 Receptor has been reported in aorta, brain, heart, placenta, small intestine, spleen, artery, and vessel. An EST has been isolated from a testis library.</p> <p>Ligand: Serotonin</p>
Uniprot ID:	P34969
NCBI:	NP_000863.1
GeneID:	3363
Host:	Rabbit
Immunogen:	<p>Synthetic peptide - KLH conjugated Epitope: C-terminal domain of human Genename: HTR7 Remarks: The immunizing peptide shows 81% identity (87% similarity) with Mouse.</p>
Format:	<p>State: Liquid purified Ig fraction. Purification: Peptide Immunogen Affinity Chromatography. Buffer System: PBS, pH 7.7, containing 0.01% Sodium Azide as preservative.</p>
Applications:	<p>Immunohistochemistry with formalin fixed paraffin embedded tissues. (6-11 µg/ml) Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0, at 99-100°C for 20 min. Remove from heat and let stand at room temperature in buffer for 20 min. Rinse in 1x TBS with Tween (TBST) for 1 min. at room temperature. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>Reacts with Human 5-HT7 Receptor (Family: GPCR, Subfamily: Serotonin). Species: Human. Other species not tested.</p>
Add. Information:	This product was originally produced by MBL International.

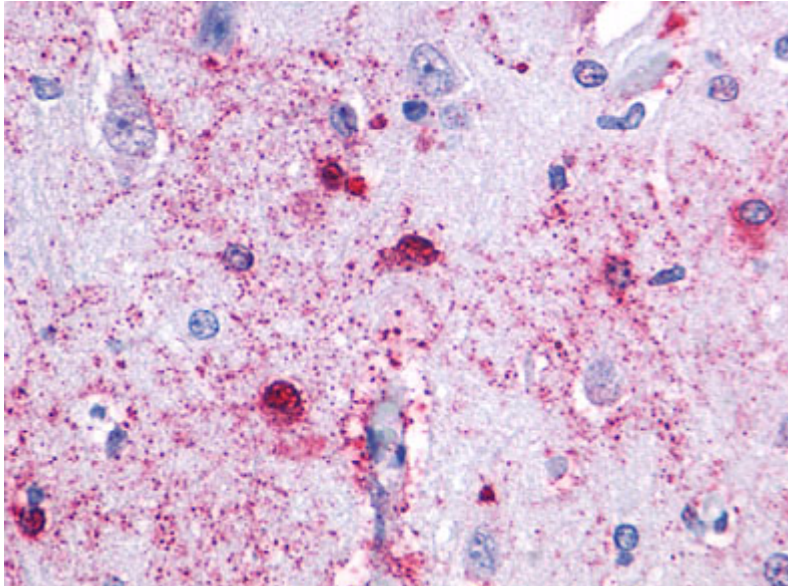
For research and in vitro use only. Not for diagnostic or therapeutic work.

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

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C to -70°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Pictures:



Immunohistochemical staining of Brain (Neurons and Astrocytes) using anti- HTR7 antibody SP4050P

Recommended Control Peptides: SP4050CP

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