

5HT7 Receptor Antibody
Rabbit mAb
Catalog # AP92505**Specification****5HT7 Receptor Antibody - Product Information**

Application	WB
Primary Accession	P34969
Reactivity	Rat
Clonality	Monoclonal
Other Names	
5 HT 7; 5 HT X; 5-HT-7; 5-HT-X; 5-HT7; 5HT7; htr7;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	53555 Da

5HT7 Receptor Antibody - Additional Information

Dilution	WB~~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human 5HT7 Receptor
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

5HT7 Receptor Antibody - Protein Information

Name HTR7 {ECO:0000303|Ref.3, ECO:0000312|HGNC:HGNC:5302}

Function

G-protein coupled receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone and a mitogen (PubMed:35714614, PubMed:8226867). Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of downstream effectors (PubMed:35714614, PubMed:8226867). HTR7 is

coupled to G(s) G alpha proteins and mediates activation of adenylate cyclase activity (PubMed:35714614).

Cellular Location

Cell membrane; Multi-pass membrane protein

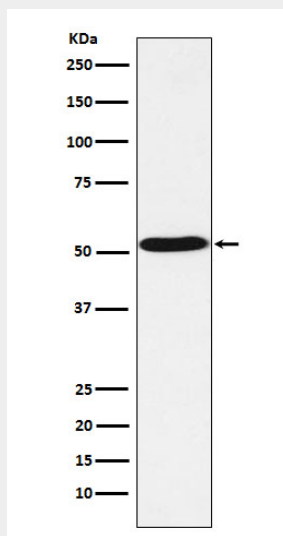
Tissue Location

[Isoform A]: Predominant isoform in spleen, caudate and hippocampus. [Isoform D]: Minor isoform in terms of expression.

5HT7 Receptor Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

5HT7 Receptor Antibody - Images

Western blot analysis of 5HT7 Receptor expression in U-87MG cell lysate.