

HTR7 / 5HT7 Receptor Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10859**Specification**

HTR7 / 5HT7 Receptor Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	P34969
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa KDa

HTR7 / 5HT7 Receptor Antibody (C-Terminus) - Additional Information**Gene ID** 3363**Other Names**

5-hydroxytryptamine receptor 7, 5-HT-7, 5-HT7, 5-HT-X, Serotonin receptor 7, HTR7

Target/Specificity

Human 5HT7 Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except SEMA6C (56%), SSTR3 (50%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

HTR7 / 5HT7 Receptor Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

HTR7 / 5HT7 Receptor Antibody (C-Terminus) - Protein Information**Name** HTR7**Function**

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.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Isoform A is the predominant isoform in spleen, caudate and hippocampus. Isoform B is expressed at lower levels Isoform D is a minor isoform in terms of expression

Volume

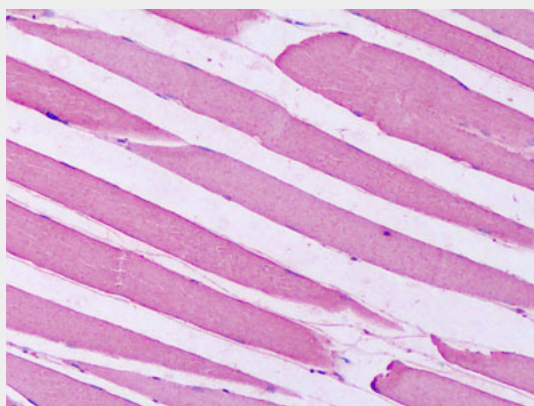
50 µl

HTR7 / 5HT7 Receptor Antibody (C-Terminus) - Protocols

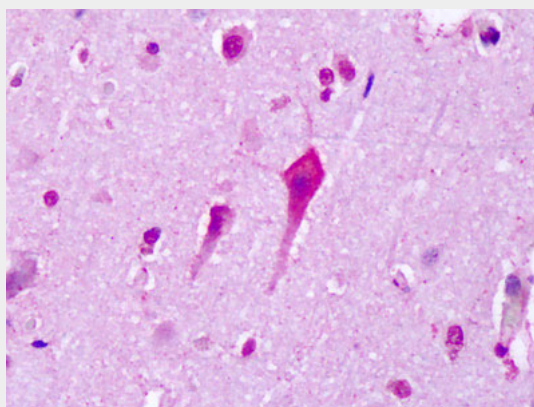
Provided below are standard protocols that you may find useful for product applications.

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

HTR7 / 5HT7 Receptor Antibody (C-Terminus) - Images



Anti-HT7 / 5-HT7 antibody IHC of human skeletal muscle.



Anti-HT7 / 5-HT7 antibody IHC of human brain, cortex, neurons.

HTR7 / 5HT7 Receptor Antibody (C-Terminus) - 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 that stimulate adenylate cyclase.

HTR7 / 5HT7 Receptor Antibody (C-Terminus) - References

Heidmann D.E.A.,et al.J. Neurochem. 68:1372-1381(1997).
Bard J.A.,et al.J. Biol. Chem. 268:23422-23426(1993).
King M.M.,et al.Submitted (DEC-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Goshima N.,et al.Nat. Methods 5:1011-1017(2008).