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HTR7 / 5HT7 Receptor Antibody (N-Terminus)

Rabbit Polyclonal Antibody

Catalog # ALS10144

Specification

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

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

HTR7 / 5HT7 Receptor Antibody (N-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.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

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

HTR7 / 5HT7 Receptor Antibody (N-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

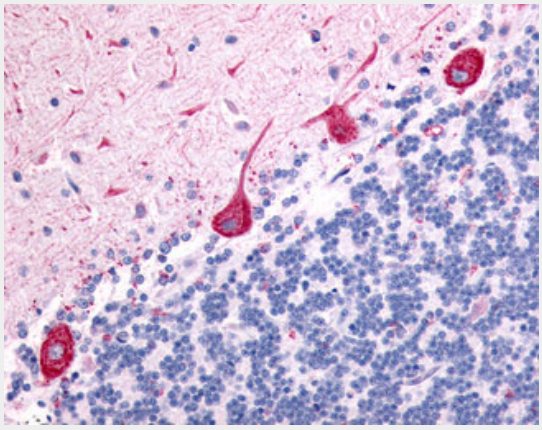
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HTR7 / 5HT7 Receptor Antibody (N-Terminus) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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



Anti-5HT7 Receptor antibody ALS10144 IHC of human brain, cerebellum.

HTR7 / 5HT7 Receptor Antibody (N-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 (N-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).