

# HTR6 / 5-HT6 Receptor Antibody (C-Terminus)

Rabbit Polyclonal Antibody Catalog # ALS10142

### **Specification**

### HTR6 / 5-HT6 Receptor Antibody (C-Terminus) - Product Information

Application IHC Primary Accession P50406

Reactivity Human, Hamster, Monkey, Horse, Dog

Host Rabbit
Clonality Polyclonal
Calculated MW 47kDa KDa

### HTR6 / 5-HT6 Receptor Antibody (C-Terminus) - Additional Information

#### **Gene ID 3362**

#### **Other Names**

5-hydroxytryptamine receptor 6, 5-HT-6, 5-HT6, Serotonin receptor 6, HTR6

### Target/Specificity

Human HTR6 / 5-HT36. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

#### **Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

#### **Precautions**

HTR6 / 5-HT6 Receptor Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

### HTR6 / 5-HT6 Receptor Antibody (C-Terminus) - Protein Information

### Name HTR6

#### **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. It has a high affinity for tricyclic psychotropic drugs (By similarity). Controls pyramidal neurons migration during corticogenesis, through the regulation of CDK5 activity (By similarity). Is an activator of TOR signaling (PubMed:<a href="http://www.uniprot.org/citations/23027611" target="\_blank">23027611</a>).

## **Cellular Location**

Cell membrane; Multi-pass membrane protein.

### **Tissue Location**



Expressed in several human brain regions, most prominently in the caudate nucleus

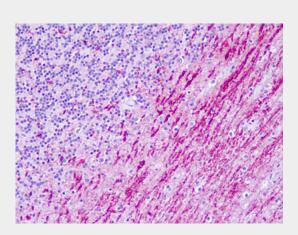
Volume 50 µl

### HTR6 / 5-HT6 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 Cytomety
- Cell Culture

### HTR6 / 5-HT6 Receptor Antibody (C-Terminus) - Images



Human, Brain, Cerebellum: Formalin-Fixed Paraffin-Embedded (FFPE)

### HTR6 / 5-HT6 Receptor Antibody (C-Terminus) - Background

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# HTR6 / 5-HT6 Receptor Antibody (C-Terminus) - References

Kohen R., et al.J. Neurochem. 66:47-56(1996). Kopatz S.A., et al. Submitted (OCT-2003) to the EMBL/GenBank/DDBJ databases. Gregory S.G., et al. Nature 441:315-321(2006). Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Ullmer C., et al. FEBS Lett. 370:215-221(1995).