

**DRD5 / Dopamine Receptor D5 Antibody (Extracellular Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10354**

Specification

DRD5 / Dopamine Receptor D5 Antibody (Extracellular Domain) - Product Information

Application	IHC
Primary Accession	P21918
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53kDa KDa

DRD5 / Dopamine Receptor D5 Antibody (Extracellular Domain) - Additional Information

Gene ID 1816

Other Names

D(1B) dopamine receptor, D(5) dopamine receptor, D1beta dopamine receptor, Dopamine D5 receptor, DRD5, DRD1B, DRD1L2

Target/Specificity

Human DRD5 / Dopamine Receptor D5. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

DRD5 / Dopamine Receptor D5 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

DRD5 / Dopamine Receptor D5 Antibody (Extracellular Domain) - Protein Information

Name DRD5

Synonyms DRD1B, DRD1L2

Function

Dopamine receptor whose activity is mediated by G proteins which activate adenylyl cyclase.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Neuron-specific, localized primarily within limbic regions of the brain.

Volume

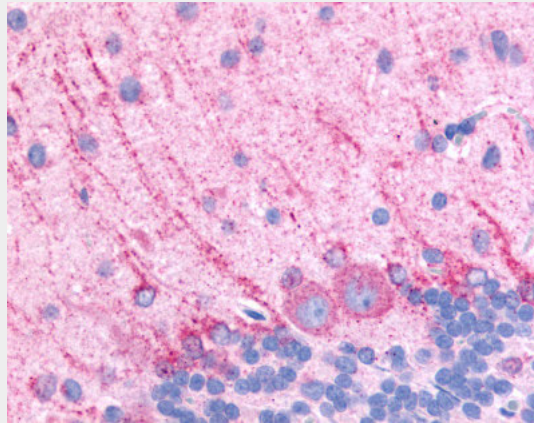
50 µl

DRD5 / Dopamine Receptor D5 Antibody (Extracellular Domain) - 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](#)

DRD5 / Dopamine Receptor D5 Antibody (Extracellular Domain) - Images



Anti-DRD5 / Dopamine Receptor D5 antibody ALS10354 IHC of rat brain, Purkinje neurons.

DRD5 / Dopamine Receptor D5 Antibody (Extracellular Domain) - Background

Dopamine receptor whose activity is mediated by G proteins which activate adenylyl cyclase.

DRD5 / Dopamine Receptor D5 Antibody (Extracellular Domain) - References

- Sunahara R.K., et al. *Nature* 350:614-619(1991).
Grandy D.K., et al. *Proc. Natl. Acad. Sci. U.S.A.* 88:9175-9179(1991).
Weinshank R.L., et al. *J. Biol. Chem.* 266:22427-22435(1991).
Puhl H.L. III, et al. Submitted (JUL-2002) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. *Nat. Genet.* 36:40-45(2004).