

DRD1 / Dopamine Receptor D1 Antibody (Extracellular Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10014**Specification**

DRD1 / Dopamine Receptor D1 Antibody (Extracellular Domain) - Product Information

Application	IHC-P
Primary Accession	P21728
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49kDa KDa
Dilution	IHC-P ~ ~ N/A

DRD1 / Dopamine Receptor D1 Antibody (Extracellular Domain) - Additional Information**Gene ID** 1812**Other Names**

D(1A) dopamine receptor, Dopamine D1 receptor, DRD1

Target/Specificity

Human DRD1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

DRD1 / Dopamine Receptor D1 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

DRD1 / Dopamine Receptor D1 Antibody (Extracellular Domain) - Protein Information**Name** DRD1**Function**

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

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P18901}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P18901}. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:P18901}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P18901}. Cell projection, cilium membrane; Multi-pass membrane protein. Cell projection, dendrite {ECO:0000250|UniProtKB:Q61616}. Cell projection, dendritic spine {ECO:0000250|UniProtKB:Q61616}. Note=Transport from the endoplasmic reticulum to the cell surface is regulated by interaction with DNAJC14 {ECO:0000250|UniProtKB:P18901}

Tissue Location

Detected in caudate, nucleus accumbens and in the olfactory tubercle.

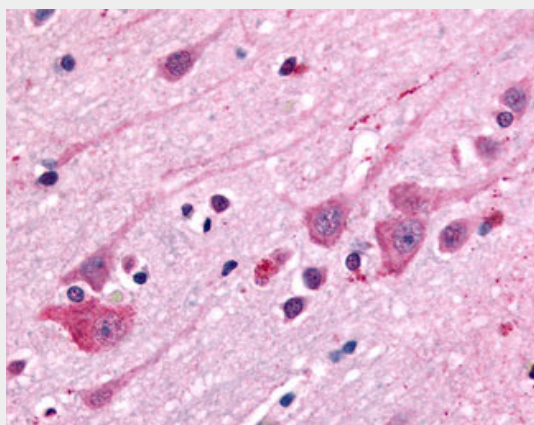
Volume

50 µl

DRD1 / Dopamine Receptor D1 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](#)

DRD1 / Dopamine Receptor D1 Antibody (Extracellular Domain) - Images

Anti-DRD1 antibody ALS10014 IHC of human brain.

DRD1 / Dopamine Receptor D1 Antibody (Extracellular Domain) - Background

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

DRD1 / Dopamine Receptor D1 Antibody (Extracellular Domain) - References

Deary A., et al. Nature 347:72-76(1990).
Zhou Q.-Y., et al. Nature 347:76-80(1990).
Sunahara R.K., et al. Nature 347:80-83(1990).
Ohara K., et al. Neuropsychopharmacology 8:131-135(1993).
Suwa M., et al. Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.