

**DRD2 / Dopamine Receptor D2 Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10353**

Specification

DRD2 / Dopamine Receptor D2 Antibody (Cytoplasmic Domain) - Product Information

Application	IHC
Primary Accession	P14416
Reactivity	Human, Rabbit, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51kDa KDa

DRD2 / Dopamine Receptor D2 Antibody (Cytoplasmic Domain) - Additional Information

Gene ID 1813

Other Names

D(2) dopamine receptor, Dopamine D2 receptor, DRD2

Target/Specificity

Human DRD2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

DRD2 / Dopamine Receptor D2 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

DRD2 / Dopamine Receptor D2 Antibody (Cytoplasmic Domain) - Protein Information

Name DRD2

Function

Dopamine receptor whose activity is mediated by G proteins which inhibit adenylyl cyclase (PubMed:21645528). Positively regulates postnatal regression of retinal hyaloid vessels via suppression of VEGFR2/KDR activity, downstream of OPN5 (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein

Tissue Location

[Isoform 1]: Expressed in the anterior pituitary gland.

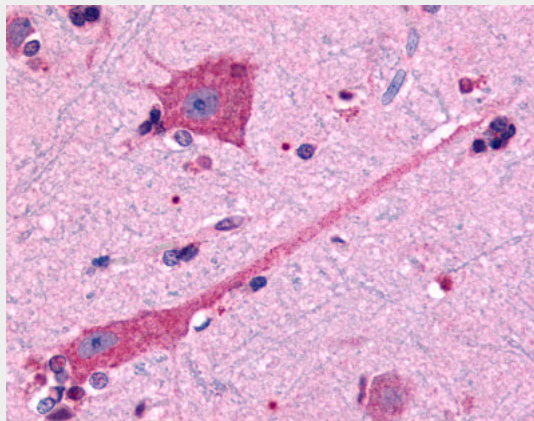
Volume
50 μ l

DRD2 / Dopamine Receptor D2 Antibody (Cytoplasmic 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](#)

DRD2 / Dopamine Receptor D2 Antibody (Cytoplasmic Domain) - Images



Anti-DRD2 antibody ALS10353 IHC of human brain, neurons and glia.

DRD2 / Dopamine Receptor D2 Antibody (Cytoplasmic Domain) - Background

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

DRD2 / Dopamine Receptor D2 Antibody (Cytoplasmic Domain) - References

- Selbie L.A., et al. *DNA* 8:683-689(1989).
Dal-Toso R., et al. *EMBO J.* 8:4025-4034(1989).
Robakis N.K., et al. *Nucleic Acids Res.* 18:1299-1299(1990).
Grandy D.K., et al. *Proc. Natl. Acad. Sci. U.S.A.* 86:9762-9766(1989).
Stormann T.M., et al. *Mol. Pharmacol.* 37:1-6(1990).