

**DRD2 / Dopamine Receptor D2 Antibody (Cytoplasmic Domain)  
Rabbit Polyclonal Antibody  
Catalog # ALS10352**

**Specification**

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

Application	IHC
Primary Accession	<a href="#">P14416</a>
Reactivity	Human
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, except ZNF57 (42%).

**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:<a href="http://www.uniprot.org/citations/21645528" target="\_blank">21645528</a>). 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.

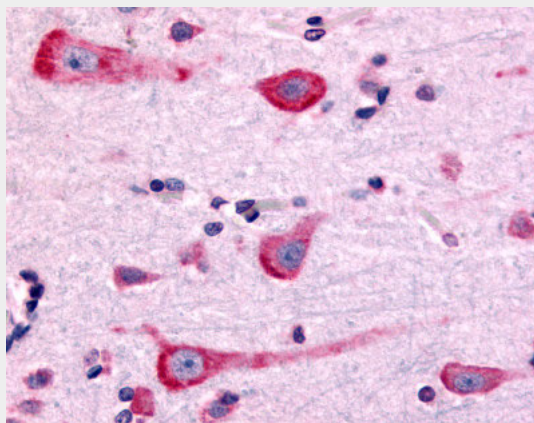
**Volume**  
50  $\mu$ l

### **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 ALS10352 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).