

DRD3 / Dopamine Receptor D3 Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10351**Specification**

DRD3 / Dopamine Receptor D3 Antibody (Cytoplasmic Domain) - Product Information

Application	IHC-P
Primary Accession	P35462
Reactivity	Human, Mouse, Hamster, Monkey, Pig, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44kDa KDa
Dilution	IHC-P ~ N/A

DRD3 / Dopamine Receptor D3 Antibody (Cytoplasmic Domain) - Additional Information**Gene ID** 1814**Other Names**

D(3) dopamine receptor, Dopamine D3 receptor, DRD3

Target/Specificity

Human DRD3 / Dopamine Receptor D3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

DRD3 / Dopamine Receptor D3 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

DRD3 / Dopamine Receptor D3 Antibody (Cytoplasmic Domain) - Protein Information**Name** DRD3 ([HGNC:3024](#))**Function**

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

Cellular Location

Cell membrane; Multi-pass membrane protein. Note=Both membrane-bound and scattered in the cytoplasm during basal conditions Receptor stimulation results in the rapid internalization and sequestration of the receptors at the perinuclear area (5 and 15 minutes), followed by the dispersal of the receptors to the membrane (30 minutes). DRD3 and GRK4 co-localize in lipid rafts of renal proximal tubule cells

Tissue Location

Brain.

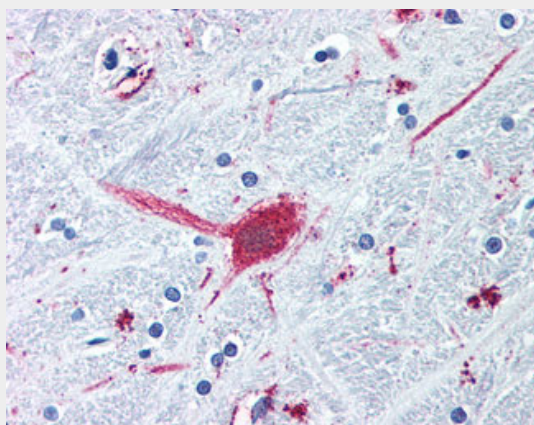
Volume

50 µl

DRD3 / Dopamine Receptor D3 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](#)

DRD3 / Dopamine Receptor D3 Antibody (Cytoplasmic Domain) - Images

Anti-DRD3 / Dopamine Receptor D3 antibody ALS10351 IHC of human brain, globus pallidus.

DRD3 / Dopamine Receptor D3 Antibody (Cytoplasmic Domain) - Background

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

DRD3 / Dopamine Receptor D3 Antibody (Cytoplasmic Domain) - References

Giros B., et al. C. R. Acad. Sci. III, Sci. Vie 311:501-508(1990).
Schmauss C., et al. Proc. Natl. Acad. Sci. U.S.A. 90:8942-8946(1993).
Liu K., et al. J. Biol. Chem. 269:29220-29226(1994).
Fishburn C.S., et al. Submitted (JUL-1995) to the EMBL/GenBank/DDBJ databases.
Muzny D.M., et al. Nature 440:1194-1198(2006).