

Dopamine Receptor D1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51944**Specification**

Dopamine Receptor D1 Antibody - Product Information

Application	WB, E
Primary Accession	P21728
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49 KDa

Dopamine Receptor D1 Antibody - Additional Information**Gene ID** 1812**Other Names**

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

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Dopamine Receptor D1. The exact sequence is proprietary.

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Dopamine Receptor D1 Antibody - 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.

Dopamine Receptor D1 Antibody - 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](#)

Dopamine Receptor D1 Antibody - Images**Dopamine Receptor D1 Antibody - Background**

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

Dopamine Receptor D1 Antibody - 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.