

D1DR Polyclonal Antibody
Catalog # AP69460**Specification**

D1DR Polyclonal Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	P21728
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

D1DR Polyclonal Antibody - Additional Information**Gene ID** 1812**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

IHC-P~~N/A

IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

D1DR Polyclonal 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

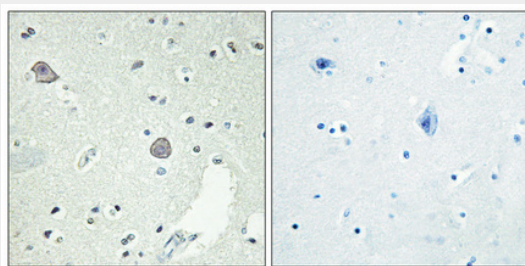
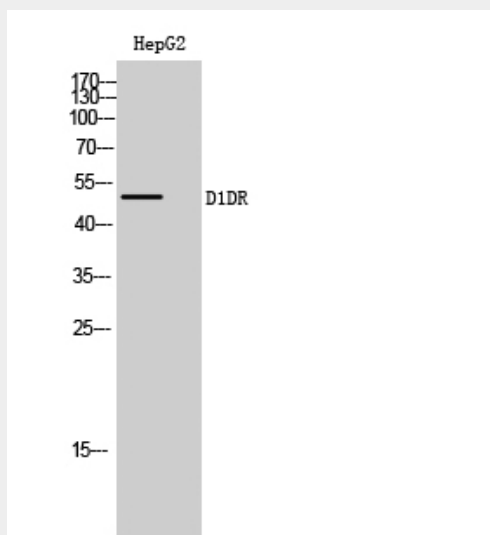
Detected in caudate, nucleus accumbens and in the olfactory tubercle.

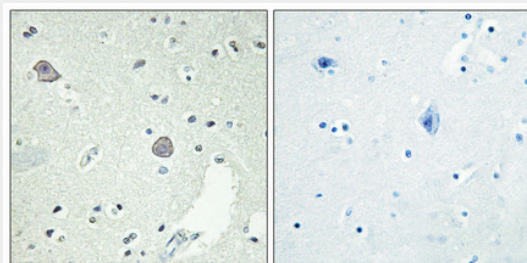
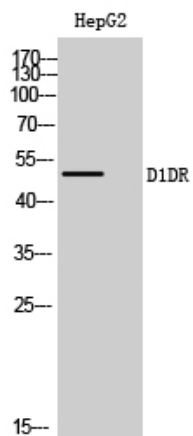
D1DR Polyclonal Antibody - Protocols

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](#)

D1DR Polyclonal Antibody - Images





D1DR Polyclonal Antibody - Background

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