

DRD1 Antibody
Rabbit mAb
Catalog # AP91192

Specification

DRD1 Antibody - Product Information

Application	WB
Primary Accession	P21728
Reactivity	Rat
Clonality	Monoclonal
Other Names	
D(1A) dopamine receptor; DADR; Dopamine D1 receptor; DR D1A; DRD1; DRD1A;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	49293 Da

DRD1 Antibody - Additional Information

Dilution	WB~~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human DRD1
Description	Dopamine receptor whose activity is mediated by G proteins which activate adenylyl cyclase.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

DRD1 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

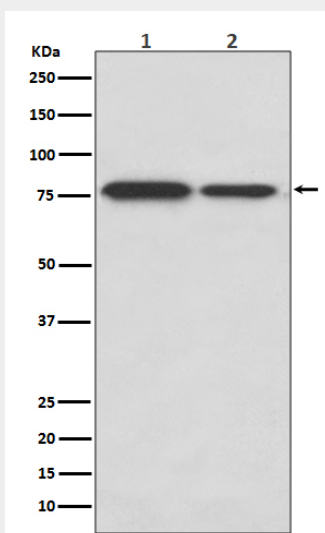
Detected in caudate, nucleus accumbens and in the olfactory tubercle.

DRD1 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](#)

DRD1 Antibody - Images



Western blot analysis of DRD1 expression in (1) SH-SY5Y cell lysate; (2) Mouse kidney lysate.