

Anti-DRD1/Dopamine Receptor D1 Rabbit Monoclonal Antibody
Catalog # ABO13535**Specification**

Anti-DRD1/Dopamine Receptor D1 Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	P21728
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-DRD1/Dopamine Receptor D1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Anti-DRD1/Dopamine Receptor D1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 1812

Other Names

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

Calculated MW

49293 MW KDa

Application Details

WB 1:500-1:2000

Subcellular Localization

Cell membrane ; Multi-pass membrane protein. Endoplasmic reticulum membrane ; Multi-pass membrane protein. Transport from the endoplasmic reticulum to the cell surface is regulated by interaction with DNAJC14..

Tissue Specificity

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

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human DRD1

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for

up to one month. Avoid repeated
freeze-thaw cycles.

Anti-DRD1/Dopamine Receptor D1 Rabbit Monoclonal 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

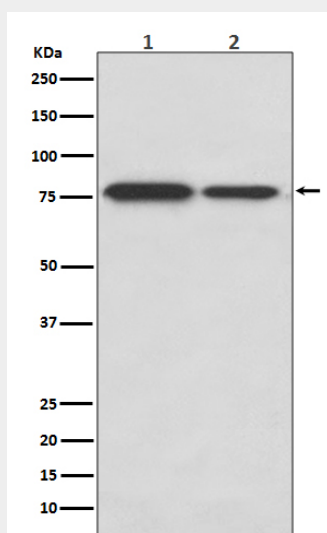
Detected in caudate, nucleus accumbens and in the olfactory tubercle.

Anti-DRD1/Dopamine Receptor D1 Rabbit Monoclonal 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](#)

Anti-DRD1/Dopamine Receptor D1 Rabbit Monoclonal Antibody - Images



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