

**Anti-Dopamine Receptor D3 Rabbit Monoclonal Antibody**  
**Catalog # ABO15261****Specification****Anti-Dopamine Receptor D3 Rabbit Monoclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P35462</a> |
| Host              | Rabbit                 |
| Isotype           | IgG                    |
| Reactivity        | Rat, Human, Mouse      |
| Clonality         | Monoclonal             |
| Format            | Liquid                 |

**Description**

Anti-Dopamine Receptor D3 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

**Anti-Dopamine Receptor D3 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 1814

**Other Names**

D(3) dopamine receptor, Dopamine D3 receptor, DRD3 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=3024](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=3024))  
HGNC:3024

**Application Details**

WB 1:500-1:2000

**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 Dopamine Receptor D3

**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-Dopamine Receptor D3 Rabbit Monoclonal Antibody - 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

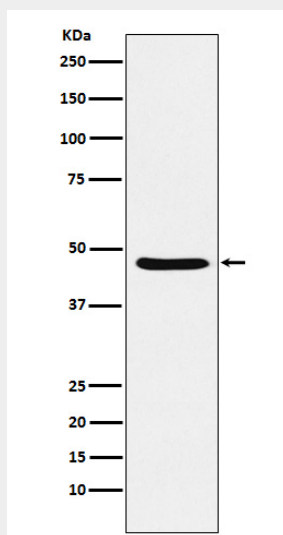
**Tissue Location**

Brain.

**Anti-Dopamine Receptor D3 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-Dopamine Receptor D3 Rabbit Monoclonal Antibody - Images**

Western blot analysis of Dopamine Receptor D3 expression in SH-SY5Y cell lysate.