

**Dopamine Receptor D3 Antibody**  
**Rabbit mAb**  
**Catalog # AP91687****Specification**

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**Dopamine Receptor D3 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P35462</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
D(3) dopamine receptor; Dopamine D3 receptor; DRD3; ETM1; FET1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	44225 Da

**Dopamine Receptor D3 Antibody - Additional Information**

Dilution	WB~~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Dopamine Receptor D3
Description	This is one of the five types (D1 to D5) of receptors for dopamine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase. Promotes cell proliferation.
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.

**Dopamine Receptor D3 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

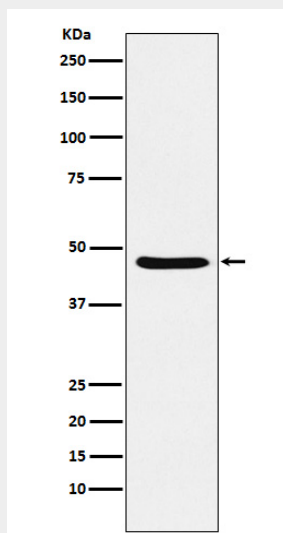
**Tissue Location**

Brain.

**Dopamine Receptor D3 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 D3 Antibody - Images**

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