

Dopamine Receptor D3 Antibody

Rabbit mAb

Catalog # AP91687

Product Information

Application	WB
Primary Accession	P35462
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	D(3) dopamine receptor; Dopamine D3 receptor; DRD3; ETM1; FET1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	44195

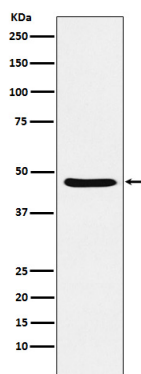
Additional Information

Dilution	WB 1:500~1:2000
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.

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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.