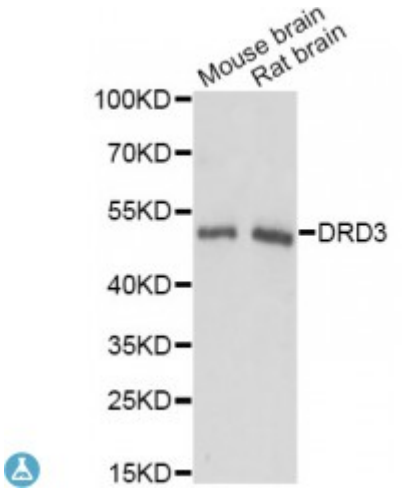
Anti-DRD3 Antibody



Description	This gene encodes the D3 subtype of the five (D1-D5) dopamine receptors. The activity of the D3 subtype receptor is mediated by G proteins which inhibit adenylyl cyclase. This receptor is localized to the limbic areas of the brain, which are associated with cognitive, emotional, and endocrine functions. Genetic variation in this gene may be associated with susceptibility to hereditary essential tremor 1. Alternative splicing of this gene results in transcript variants encoding different isoforms, although some variants may be subject to nonsense-mediated decay (NMD).

Model	STJ116829
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human DRD3 (NP_000787.2).
Gene ID	1814
Gene Symbol	DRD3
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Brain
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	D(3 dopamine receptor Dopamine D3 receptor

Molecular Weight	44.225 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:3024OMIM:126451Reactome:R-HSA-390651
Alternative Names	D(3 dopamine receptor Dopamine D3 receptor
Function	Dopamine receptor whose activity is mediated by G proteins which inhibit adenylyl cyclase, Promotes cell proliferation,
Cellular Localization	Cell membrane,
Post-translational Modifications	Phosphorylated by GRK4 (GRK4-alpha and GRK4-gamma),