

Product datasheet for TA362722

OriGene Technologies, Inc.

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Dopamine Receptor D3 (DRD3) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the N terminal region of human

DRD3

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 40 kDa

Gene Name: dopamine receptor D3

Database Link: NP 000787.2

Entrez Gene 1814 Human

P35462-3



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Background: 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

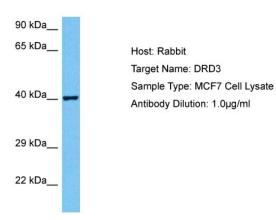
decay (NMD).

Synonyms: D3DR; ETM1; FET1; MGC149204; MGC149205

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:



Host: Rabbit Target Name: DRD3

Sample Tissue: Human MCF7 Whole Cell lysates

Antibody Dilution: 1ug/ml