

## **Product datasheet for TA361195**

### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

# 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:** 44 kDa

**Gene Name:** dopamine receptor D3

Database Link: NP 000787.2

Entrez Gene 1814 Human

P35462





### Dopamine Receptor D3 (DRD3) Rabbit Polyclonal Antibody - TA361195

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

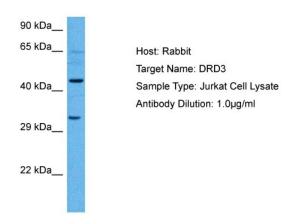
decay (NMD).

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 Jurkat Whole Cell lysates

Antibody Dilution: 1ug/ml