

# **DRD1** Antibody

Rabbit mAb Catalog # AP91192

#### **Product Information**

Application WB Primary Accession P21728

**Reactivity** Rat, Human, Mouse

**Clonality** Monoclonal

Other Names D(1A) dopamine receptor; DADR; Dopamine D1 receptor; DR D1Al; DRD1;

DRD1A;

IsotypeRabbit IgGHostRabbitCalculated MW49293

#### **Additional Information**

**Dilution** WB 1:500~1:2000 **Purification** Affinity-chromatography

Immunogen A synthesized peptide derived from human DRD1

**Description** Dopamine receptor whose activity is mediated by G proteins which activate

adenylyl cyclase.

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 DRD1

**Function** Dopamine receptor whose activity is mediated by G proteins which activate

adenylyl cyclase.

Cellular Location Cell membrane {ECO:0000250 | UniProtKB:P18901}; Multi-pass membrane

protein {ECO:0000250 | UniProtKB:P18901}. Endoplasmic reticulum membrane

{ECO:0000250|UniProtKB:P18901}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P18901}. Cell projection, cilium membrane;

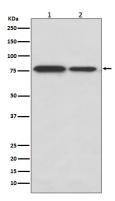
Multi-pass membrane protein. Cell projection, dendrite

{ECO:0000250 | UniProtKB:Q61616}. Cell projection, dendritic spine {ECO:0000250 | UniProtKB:Q61616}. Note=Transport from the endoplasmic reticulum to the cell surface is regulated by interaction with DNA|C14

{ECO:0000250 | UniProtKB:P18901}

**Tissue Location** Detected in caudate, nucleus accumbens and in the olfactory tubercle.

## **Images**



Western blot analysis of DRD1 expression in (1) SH-SY5Y cell lysate; (2) Mouse kidney lysate.

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