# **DRD5** Rabbit pAb

Catalog No.: A1719 2 Publications



### **Basic Information**

#### **Observed MW**

55kDa

### **Calculated MW**

53kDa

### Category

Primary antibody

### **Applications**

WB,ELISA

#### **Cross-Reactivity**

Human, Mouse

## **Background**

This gene encodes the D5 subtype of the dopamine receptor. The D5 subtype is a G-protein coupled receptor which stimulates adenylyl cyclase. This receptor is expressed in neurons in the limbic regions of the brain. It has a 10-fold higher affinity for dopamine than the D1 subtype. Pseudogenes related to this gene reside on chromosomes 1 and 2.

# **Recommended Dilutions**

**WB** 1:500 - 1:2000

1.500 1.2000

**ELISA** 

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

# **Immunogen Information**

**Gene ID**Swiss Prot
1816
P21918

#### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### **Synonyms**

DBDR; DRD1B; DRD1L2; DRD5

### **Contact**

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$\odot$	www.abclonal.com.cn

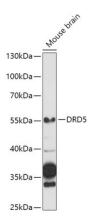
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

### **Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

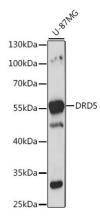


Western blot analysis of lysates from Mouse brain, using DRD5 Rabbit pAb (A1719) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins:  $25\mu g$  per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Western blot analysis of lysates from U-87MG cells, using DRD5 Rabbit pAb (A1719) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.