

**PAA673Ra01**

**Polyclonal Antibody to Dopamine Receptor D2 (DRD2)**

**Organism Species: *Rattus norvegicus* (Rat)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

---

13th Edition (Revised in Aug, 2023)

## **[ PROPERTIES ]**

**Source:** Polyclonal antibody preparation

**Host:** Rabbit

**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

**Traits:** Liquid

**Concentration:** 0.5mg/mL

**UOM:** 100μL

**Cross Reactivity:** N/A

**Applications:** WB

## **[ IMMUNOGEN ]**

**Immunogen:** Recombinant DRD2 (Ser194~Ala421) expressed in *E.coli*

**Accession No.:** RPA673Ra01

## **[ APPLICATIONS ]**

Western blotting: 0.01-2μg/mL;

Optimal working dilutions must be determined by end user.

## **[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

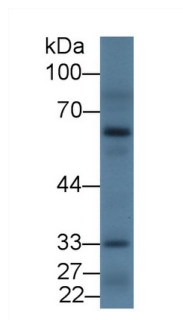
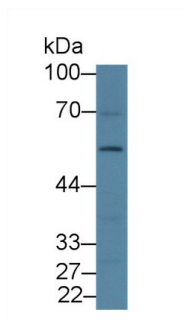
## **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**[ IDENTIFICATION ]**

Western Blot; Sample: Rat Liver lysate; Western Blot; Sample: Rat Cerebrum

Primary Ab: 2 $\mu$ g/mL Rabbit Anti-Rat

lysate;

DRD2 Antibody

Primary Ab: 2 $\mu$ g/mL Rabbit Anti-Rat

Second Ab: 0.2 $\mu$ g/mL HRP-Linked

DRD2 Antibody

Caprine Anti-Rabbit IgG Polyclonal

Second Ab: 0.2 $\mu$ g/mL HRP-Linked

Antibody

Caprine Anti-Rabbit IgG Polyclonal

(Catalog: SAA544Rb19)

Antibody

(Catalog: SAA544Rb19)

**[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.