

# DJ-1/PARK7 Rabbit mAb

Catalog No.: A19097

Recombinant

1 Publications

## Basic Information

**Observed MW**

23kDa

**Calculated MW**

20kDa

**Category**

Primary antibody

**Applications**

WB,IHC-P,ELISA

**Cross-Reactivity**

Human, Mouse, Rat

**CloneNo number**

ARC0354

## Background

The product of this gene belongs to the peptidase C56 family of proteins. It acts as a positive regulator of androgen receptor-dependent transcription. It may also function as a redox-sensitive chaperone, as a sensor for oxidative stress, and it apparently protects neurons against oxidative stress and cell death. Defects in this gene are the cause of autosomal recessive early-onset Parkinson disease 7. Two transcript variants encoding the same protein have been identified for this gene.

## Recommended Dilutions

**WB** 1:1000 - 1:6000**IHC-P** 1:200 - 1:800

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

## Immunogen Information

**Gene ID**

11315

**Swiss Prot**

Q99497

**Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**

DJ1; DJ-1; GATD2; HEL-S-67p; DJ-1/PARK7

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

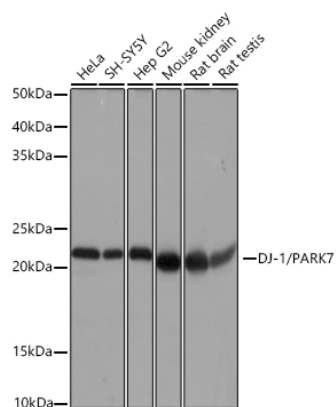
Affinity purification

**Storage**

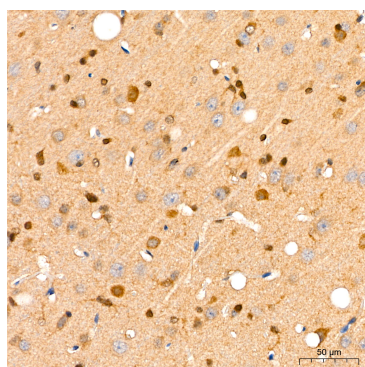
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

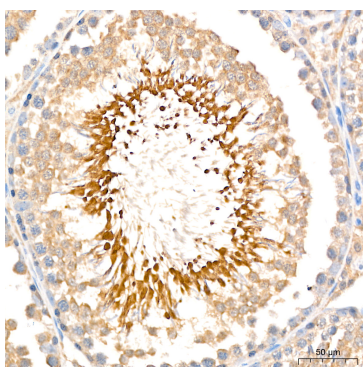
## Validation Data



Western blot analysis of various lysates using DJ-1/PARK7 Rabbit mAb (A19097) 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: 1s.



Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using DJ-1/PARK7 Rabbit mAb (A19097) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using DJ-1/PARK7 Rabbit mAb (A19097) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.