

DJ-1/PARK7 Rabbit mAb

Catalog No.: A19097 **Recombinant** **3 Publications**

Basic Information

Observed MW

23 kDa

Calculated MW

20 kDa

Category

Primary antibody

Applications

WB,IP,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

IP 0.5 µg - 4 µg antibody for
400 µg - 600 µg extracts
of whole cells

IHC-P 1:200 - 1:800

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

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

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

Product Information

Source

Rabbit

Isotype

IgG

Purification

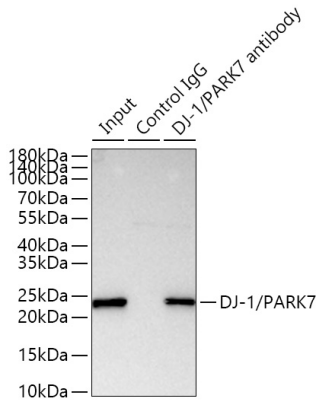
Affinity purification

Storage

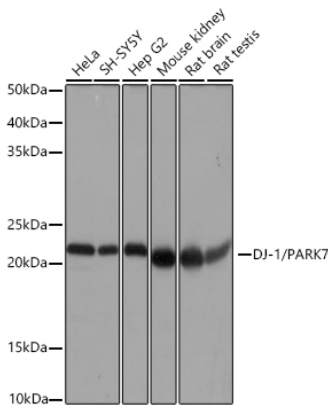
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

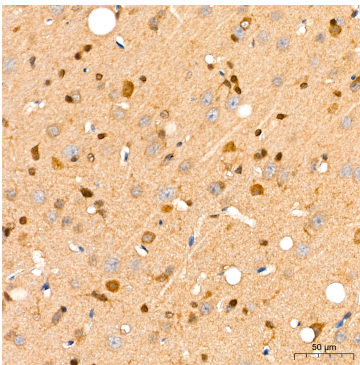
Validation Data



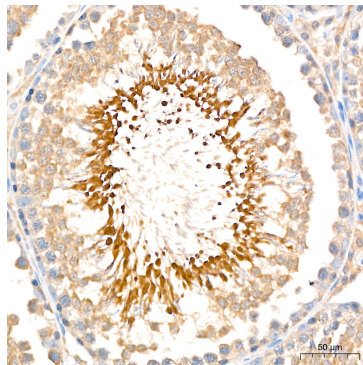
Immunoprecipitation of DJ-1/PARK7 from 300 µg extracts of HeLa cells was performed using 2 µg of DJ-1/PARK7 Rabbit mAb (A19097). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using DJ-1/PARK7 Rabbit mAb (A19097) at a dilution of 1:1000.



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.