Leader in Biomolecular Solutions for Life Science

www.abclonal.com

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.

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

www.abclonal.com.cn

Product Information

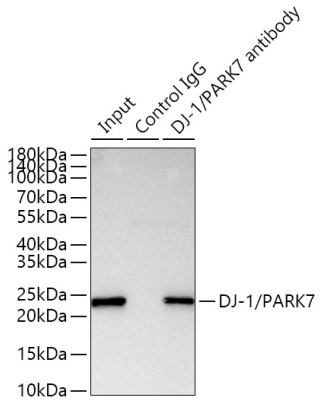
Source
Rabbit

Isotype
IgG

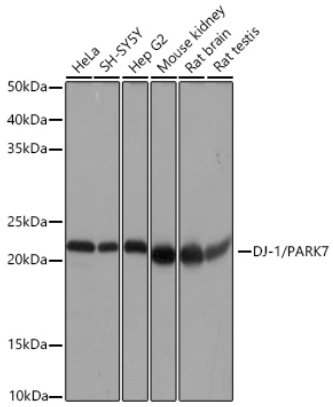
Purification
Affinity purification

Storage
Store at -20℃. 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.

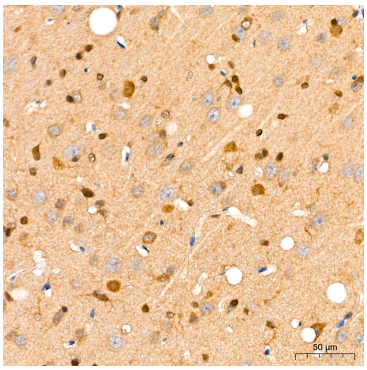
Validation Data



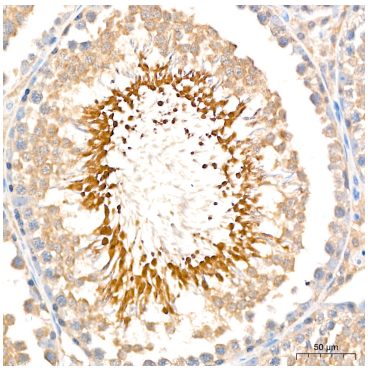
Immunoprecipitation of DJ-1/PARK7 from 300 µg extracts of HeLa cells was performed using 2 µg of DJ-1/PARK7 Rabbit mAb (A19097). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input.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