

[KO Validated] DJ-1/PARK7 Rabbit pAb

Catalog No.: A0987 **KO Validated** **1 Publications**

Basic Information

Observed MW

20kDa

Calculated MW

20kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

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	1:500 - 1:2000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

11315

Swiss Prot

Q99497

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-189 of human DJ-1/PARK7 (NP_009193.2).

Synonyms

DJ1; DJ-1; GATD2; HEL-S-67p; K7

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

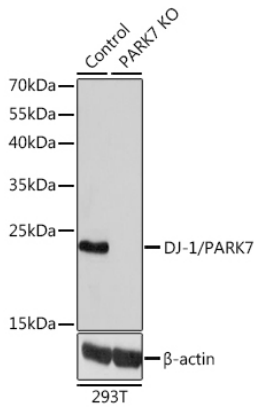
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts from normal (control) and DJ-1/PARK7 knockout (KO) 293T cells, using DJ-1/PARK7 antibody (A0987) at 1:1000 dilution.

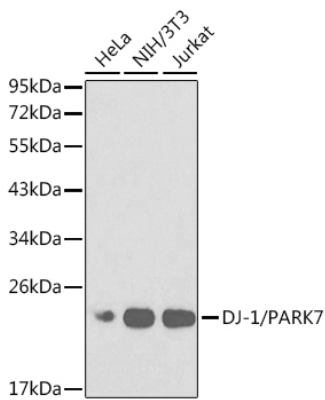
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3s.

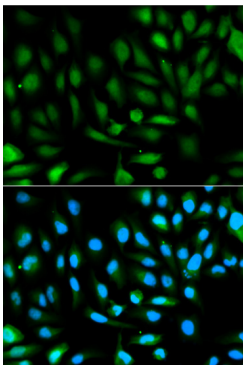


Western blot analysis of extracts of various cell lines, using DJ-1/PARK7 antibody (A0987) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of HeLa cells using DJ-1/PARK7 antibody (A0987). Blue: DAPI for nuclear staining.