

[KO Validated] PARK7 Rabbit pAb

Catalog No.: A0987 **KO** Validated

Basic Information

Catalog No.

A0987

Observed MW

20kDa

Calculated MW

19kDa

Category

Primary antibody

Applications

WB, IF

Cross-Reactivity

Human, Mouse

Recommended Dilutions

WB 1:500 - 1:2000**IF** 1:50 - 1:200

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.

Immunogen Information

Gene ID

11315

Swiss Prot

Q99497

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-189 of human PARK7 (NP_001116849.1).

Synonyms

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

Contact

www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

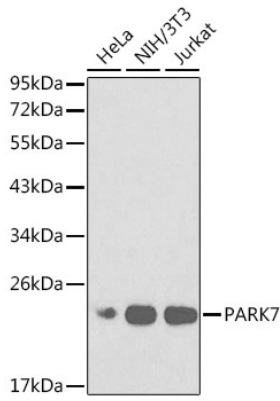
Affinity purification

Storage

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

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

Validation Data

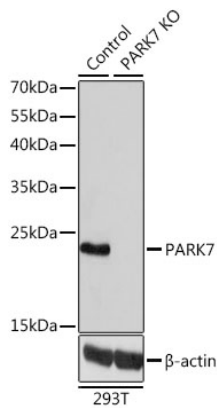


Western blot analysis of extracts of various cell lines, using PARK7 antibody (A0987) at 1:1000 dilution.

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

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.



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

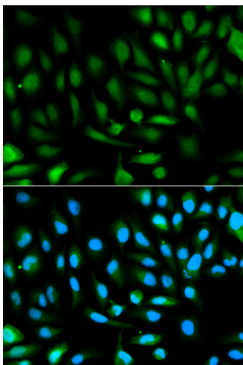
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3s.



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