

Anti-PARK7 (KO validated) Antibody

CATALOG NO.: A2077-100 (100 µl)

BACKGROUND DESCRIPTION: 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.

ALTERNATE NAMES: DJ-1; DJ1; GATD2; HEL-S-67p; PARK7

ANTIBODY TYPE: Polyclonal

HOST/ISOTYPE: Rabbit / IgG

IMMUNOGEN: Recombinant fusion protein targeting sequence around aa 1-189 of human PARK7

MOLECULAR WEIGHT: 20 kDa

PURIFICATION: Affinity purified

FORM: Liquid

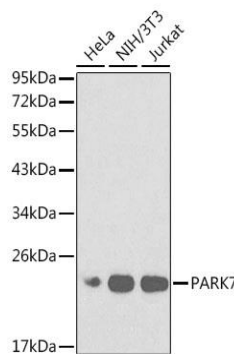
FORMULATION: In PBS with 0.02% sodium azide, 50% glycerol, pH 7.3

SPECIES REACTIVITY: Human, Mouse

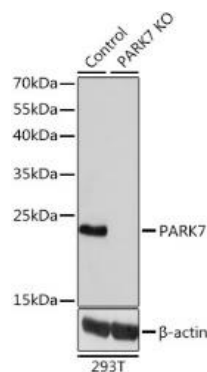
STORAGE CONDITIONS: Store at -20°C. Avoid freeze / thaw cycles

APPLICATIONS AND USAGE: WB 1:500 - 1:2000, IF 1:50 - 1:200

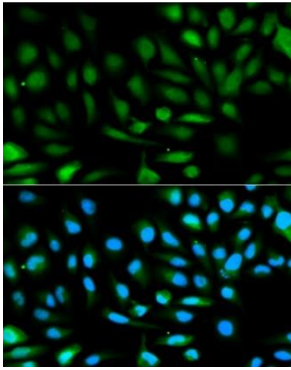
This information is only intended as a guide. The optimal dilutions must be determined by the user



Western blot analysis of HeLa, NIH3T3 and Jurkat cell extracts using Anti-PARK7 (KO validated) antibody at 1:1000 dilution. HRP Goat Anti-Rabbit IgG (H+L) was used as secondary antibody at 1:10,000 dilution. 25 µg of lysates were loaded per lane. 3% nonfat dry milk in TBST was used as blocking buffer.



Western blot analysis of control and PARK7 knockout (KO) 293T cell extracts using Anti-PARK7 (KO validated) antibody at 1:1000 dilution. HRP Goat Anti-Rabbit IgG (H+L) was used as secondary antibody at 1:10,000 dilution. 25 µg of lysates were loaded per lane. 3% nonfat dry milk in TBST was used as blocking buffer. Detection was performed using ECL Basic Kit. Exposure time: 3s.



Immunofluorescence analysis of HeLa cells using Anti-PARK7 (KO validated) antibody. Blue: DAPI for nuclear staining.

RELATED PRODUCTS:

Daxx Antibody (3229)
FADD Antibody (3039)
CREB Antibody (3360R)
RACK1 Antibody (3681R)

FOR RESEARCH USE ONLY! Not to be used on humans