

KD-Validated Anti-PARK7 Rabbit Polyclonal Antibody



Catalog #: 64982

Aliases

PARK7; Parkinsonism Associated Deglycase; DJ-1; GATD2; DJ1; Parkinson Disease (Autosomal Recessive, Early Onset) 7; Protein/Nucleic Acid Deglycase DJ-1; Parkinson Disease Protein 7; Parkinson Protein 7; Maillard Deglycase; Oncogene DJ1; Protein DJ-1; Epididymis Secretory Sperm Binding Protein Li 67p; Parkinsonism-Associated Deglycase; Protein Deglycase DJ-1; EC 3.5.1.124; EC 3.1.2.-; EC 3.5.1.-; HEL-S-67p

Background

Gene Name: PARK7

NCBI Gene Entry: [11315](#)

UniProt Entry: [Q99497](#)

Application Information

Molecular Weight: Predicted, 20 kDa; observed, 22 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, rat

Applications Tested: Western blotting (WB)

Immunogen

A synthesized peptide derived from human DJ-1

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:200-1:1,000

Note: This product is for research use only.

Validation Data

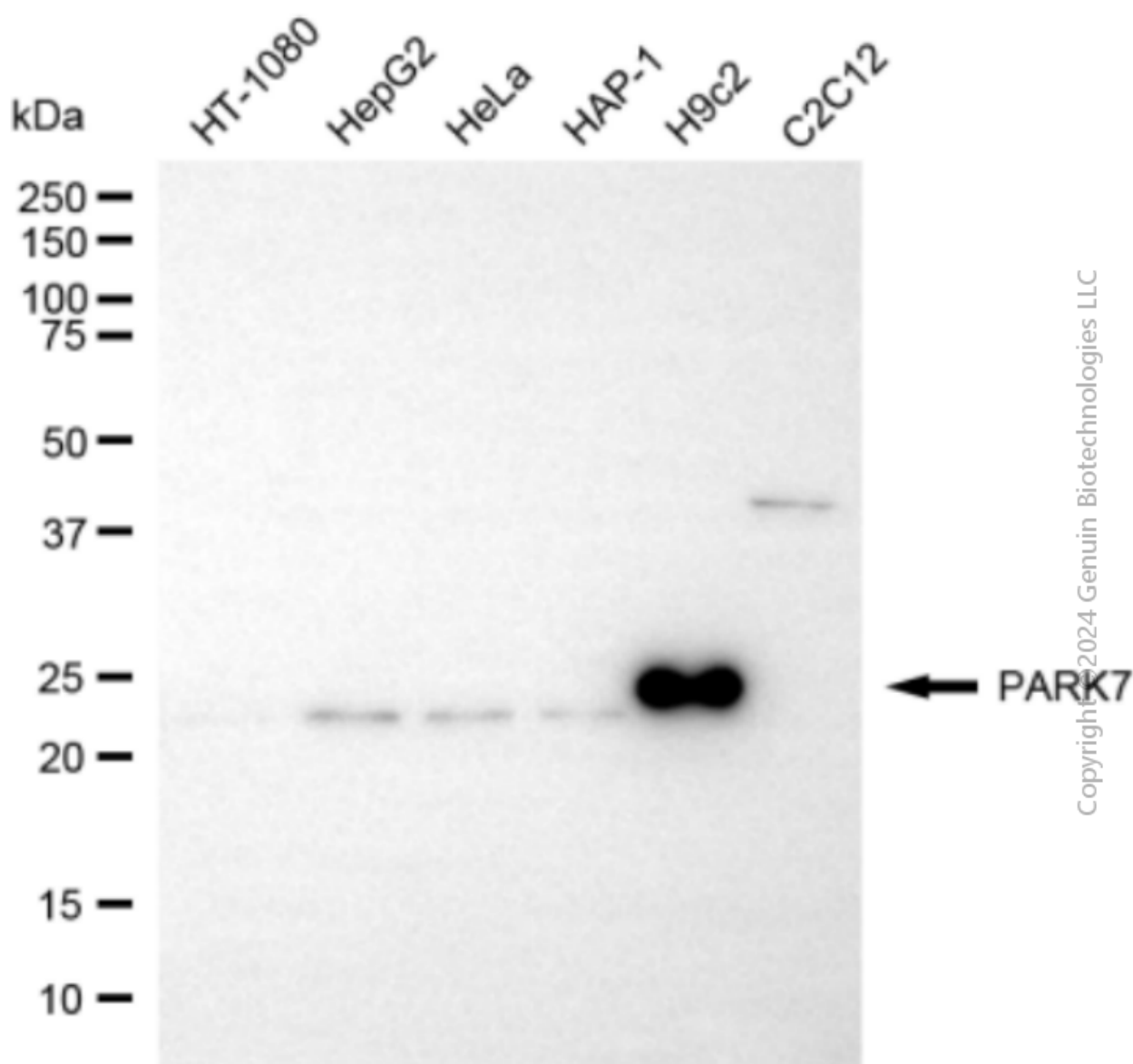
SUPPORT

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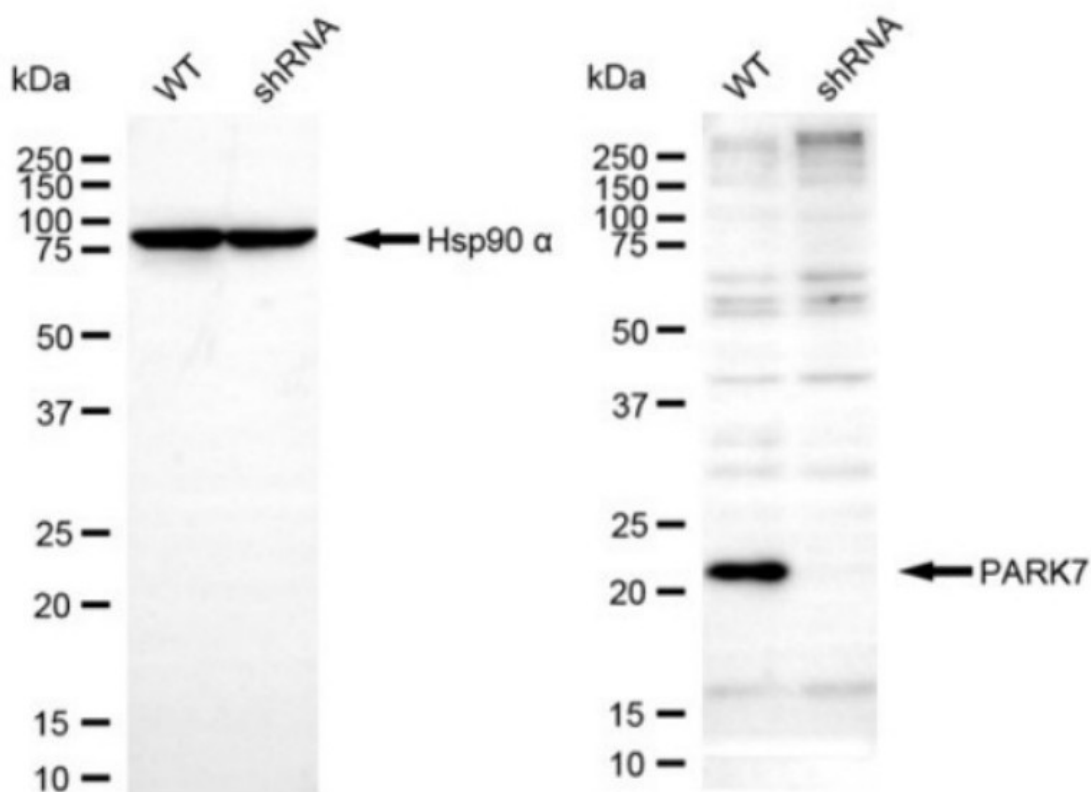
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Western blotting analysis using anti-PARK7 antibody (Cat#64982). Total cell lysates (10 µg for H9c2, and 30 µg for others) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PARK7 antibody (Cat#64982, 1:1,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



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Western blotting analysis using anti-PARK7 antibody (Cat #64982). PARK7 expression in wild-type (WT) and PARK7 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PARK7 antibody (Cat #64982, 1:1,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat #201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat #226).