

Product Name: KD-Validated PARK7 Rabbit Polyclonal Antibody**Catalog #: KVA00461**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit pAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:200-1:1,000
Molecular Weight	Calculated MW: 19.9kDa

Antigen Information

Gene Name	PARK7 PARK7; Parkinsonism Associated Deglycase; DJ-1; GATD2; DJ1; Parkinson Disease (Autosomal Recessive, Early Onset) 7; Protein/Nucleic Acid Deglycase DJ-1; Parkinson
Alternative Names	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
Gene ID	11315.0
SwissProt ID	Q99497
Immunogen	A synthesized peptide derived from human DJ-1

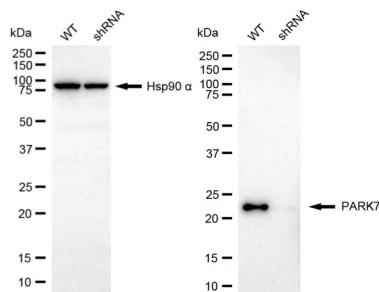
Background

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. [provided by RefSeq, Jul 2008]

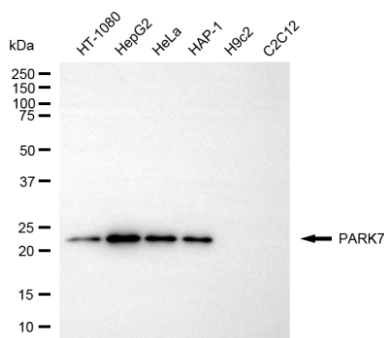
Research Area

Neuroscience, Signal Transduction, Epigenetics and Nuclear Signaling, Cancer, Metabolism

Image Data



Western blotting analysis using PARK7 antibody (KVA00461). PARK7 expression in wild-type (WT) and PARK7 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with PARK7 antibody (KVA00461, 1:1,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using PARK7 antibody (KVA00461). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with PARK7 antibody (KVA00461, 1:1,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.