9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Parkinsonism Associated deglycase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1010

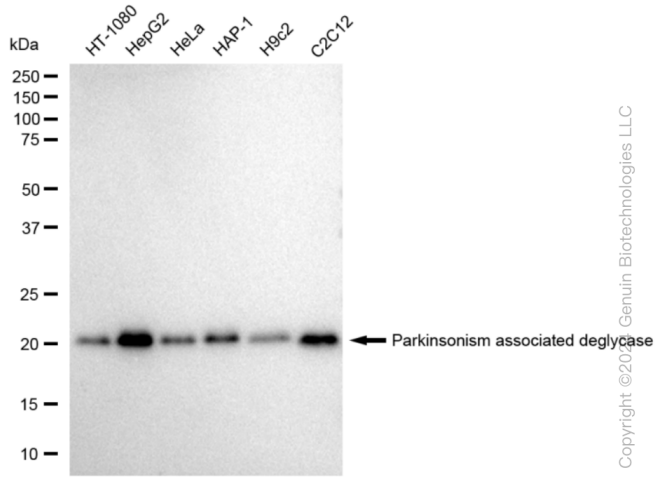
Product Overview

Name	KD-Validated Anti-Parkinsonism associated deglycase Rabbit Monoclonal Antibody
Accession(Primary)	Q99497
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PARK7
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 20 kDa, observed, 20 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q99497)

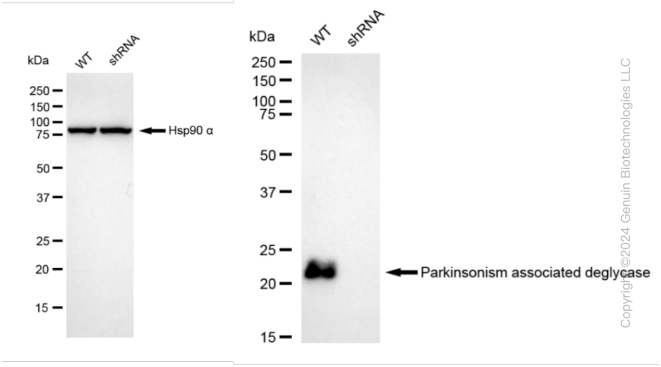
Gene Name	PARK7
About Gene Symbol	PARK7 (Parkinsonism Associated Deglycase) is a metabolic enzyme involved in cellular metabolism. It is an important research target in cancer research and neurodegenerative disease and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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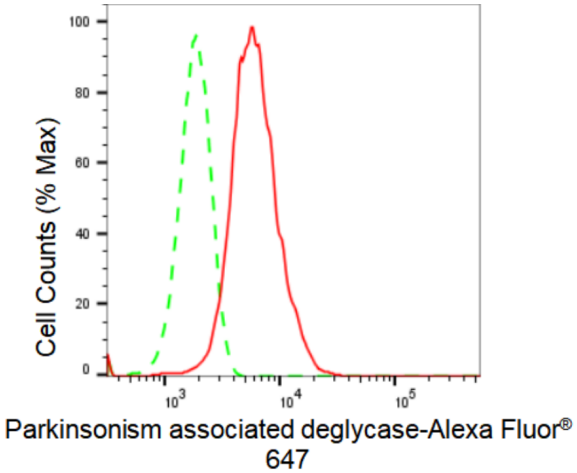
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Western blotting analysis using anti-Parkinsonism associated deglycase antibody (Cat#ABG1010). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Parkinsonism associated deglycase antibody (Cat#ABG1010, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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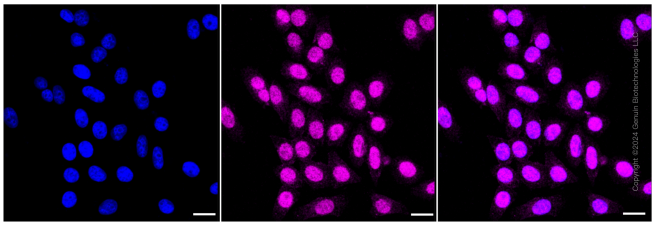
Western blotting analysis using anti-Parkinsonism associated deglycase antibody (Cat#ABG1010). Parkinsonism associated deglycase expression in wild type (WT) and parkinsonism associated deglycase shRNA knockdown (KD) Hela cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Parkinsonism associated deglycase antibody (Cat#ABG1010, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Parkinsonism associated deglycase expression in HepG2 cells using Parkinsonism associated deglycase antibody (Cat#ABG1010, 1:2,000). Green, isotype control; red, Parkinsonism associated deglycase.

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Immunocytochemical staining of HepG2 cells with Parkinsonism associated deglycase antibody (Cat#ABG1010, 1:1,000). Nuclei were stained blue with DAPI; Parkinsonism associated deglycase was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.