PARK7 Antibody

PACO31740

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200

Protein Background:

Protein and nucleotide deglycase that catalyzes the deglycation of the Maillard adducts formed between amino groups of proteins or nucleotides and reactive carbonyl groups of glyoxals. Thus, functions as a protein deglycase that repairs methylglyoxal- and glyoxal-glycated proteins, and releases repaired proteins and lactate or glycolate, respectively. Deglycates cysteine, arginine and lysine residues in proteins, and thus reactivates these proteins by reversing glycation by glyoxals. Acts on early glycation intermediates (hemithioacetals and aminocarbinols), preventing the formation of advanced glycation endproducts (AGE) that cause irreversible damage.

Gene ID:

PARK7

Uniprot

Q99497

Synonyms:

Protein/nucleic acid, deglycase DJ-1 (EC 3.1.2. -) (EC 3.5.1. -) (EC 3.5.1.124) (Maillard deglycase) (Oncogene DJ1) (Parkinson disease protein 7) (Parkinsonism-associated deglycase) (Protein DJ-1) (DJ-1), PARK7

Immunogen:

Recombinant Human Protein/nucleic acid, deglycase DJ-1 protein (1-188AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

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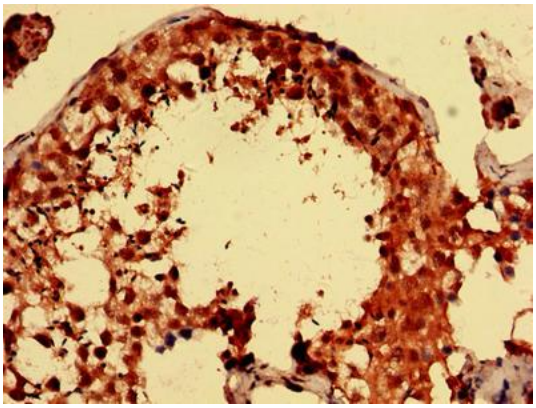
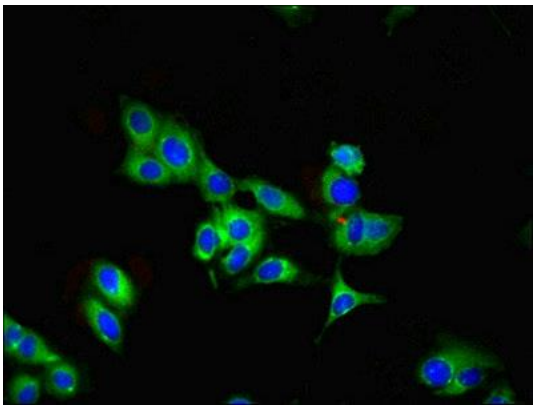
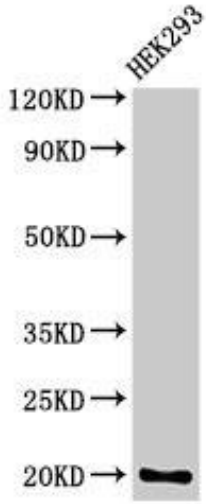
Product Images



Immunohistochemistry analysis of human testis tissue using PACO31740 at dilution of 1:100.



Immunofluorescent analysis of Hela cells using PACO31740 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blot
Positive WB detected in: HEK293 whole cell lysate
All lanes: PARK7 antibody at 3.4µg/ml
Secondary
Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 20 kDa
Observed band size: 20 kDa
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