.-online.com antibodies

Datasheet for ABIN390371 anti-PARK7/DJ1 antibody (N-Term)

3 Images



Overview

Quantity:	400 µL
Target:	PARK7/DJ1 (PARK7)
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARK7/DJ1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	This DJ-1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DJ-1.
Clone:	RB8160
Isotype:	Ig Fraction
Predicted Reactivity:	B, Zf
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:

PARK7/DJ1 (PARK7)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN390371 | 01/16/2024 | Copyright antibodies-online. All rights reserved.

Target Details	
Alternative Name:	DJ-1 (PARK7 Products)
Background:	Park 7 acts as positive regulator of androgen receptor-dependent transcription, and may function as redox-sensitive chaperone and as sensor for oxidative stress, as well as preventing aggregation of SNCA. This protein has been shown to protect neurons against oxidative stress and cell death, and to play a role in fertilization. Park7 is detected in tau inclusions in brains from neurodegenerative disease patients, and is generally highly expressed in pancreas, kidney, skeletal muscle, liver, testis and heart, with detectable levels in placenta, brain, astrocytes, Sertoli cells, spermatogonia, spermatids and spermatozoa. Defects in Park7 are the cause of autosomal recessive early-onset Parkinson disease 7 (PARK7), a form of Parkinson disease characterized by onset before 40 years, slow progression and initial good response to levodopa.
Molecular Weight:	19891
Gene ID:	11315
NCBI Accession:	NP_001116849, NP_009193
UniProt:	Q99497
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Proton Transport
Application Details	
Application Notes:	IF: 1:10~50. WB: 1:2000. WB: 1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN390371 | 01/16/2024 | Copyright antibodies-online. All rights reserved. Expiry Date:

6 months

Images







Western Blotting

Image 1. All lanes : Anti-Park7 (DJ-1) N-term at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 20 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Immunofluorescence

Image 2. Confocal immunofluorescent analysis of DJ-1 Antibody (N-term) (ABIN390371 and ABIN2840777) with Hela cell followed by Alexa Fluor 488-conjugated goat antirabbit IgG (green).DI was used to stain the cell nuclear (blue).

Western Blotting

Image 3. All lanes : Anti-Park7 (DJ-1) N-term at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: mouse kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 20 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN390371 | 01/16/2024 | Copyright antibodies-online. All rights reserved.