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Datasheet for ABIN7255077 anti-PARK7/DJ1 antibody

3 Images



Overview

Quantity:	200 µL
Target:	PARK7/DJ1 (PARK7)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARK7/DJ1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human PARK7 (NP_001116849.1).
lsotype:	lgG
Specificity:	This antibody ist KO validated.
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification
Grade:	KO Validated

Target Details

Target:	PARK7/DJ1 (PARK7)
Alternative Name:	PARK7 (PARK7 Products)
Background:	The product of this gene belongs to the peptidase C56 family of proteins. It acts as a positive

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Target Details

	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.
Molecular Weight:	Observed_MW: 20 kDa
	Calculated_MW: 19 kDa
Gene ID:	11315
UniProt:	Q99497
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid
	Hormone Receptor Signaling, Proton Transport

Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts from normal (control) and PARK7 knockout (KO) 293T cells using PARK7 Polyclonal Antibody at dilution of 1:1000.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using PARK7 Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells using PARK7 Polyclonal Antibody

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