

Datasheet for ABIN363457

anti-PARK7/DJ1 antibody (C-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	0.1 mL
Target:	PARK7/DJ1 (PARK7)
Binding Specificity:	AA 150-189, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARK7/DJ1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC), Functional Studies (Func)

Product Details

Immunogen:	Synthetic peptide corresponding to the C-terminus (within residues 150-189) of human Park7(DJ-1).
Specificity:	Reacts with human and mouse Protein DJ-1
Cross-Reactivity:	Cow (Bovine), Chicken
Cross-Reactivity (Details):	May cross react with rat, bovine, Zebra fish, Golden hamster and chicken proteins (100 % sequence homology).
Purification:	Antiserum

Target Details

Target:	PARK7/DJ1 (PARK7)
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Target Details

Alternative Name:	Protein DJ-1 (PARK7 Products)
Background:	Park7/DJ-1 is one of several genes thought to cause autosomal-recessive early-onset parkinsonism. Protects cells against oxidative stress and cell death. Plays a role in regulating expression or stability of the mitochondrial uncoupling proteins SLC25A14 and SLC25A27 in dopaminergic neurons of the substantia nigra pars compacta and attenuates the oxidative stress induced by calcium entry into the neurons via L-type channels during pacemaking. Eliminates hydrogen peroxide and protects cells against hydrogen peroxide-induced cell death.
Gene ID:	11315
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , Proton Transport

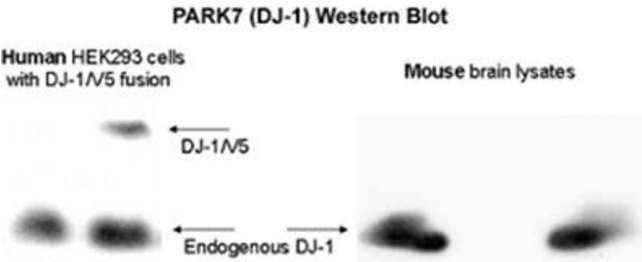
Application Details

Application Notes:	Working dilution: Optimal dilution should be determined by the end user. The following are guidelines only : ICC1:500 IP1:200 WB1:2 000
Restrictions:	For Research Use only

Handling

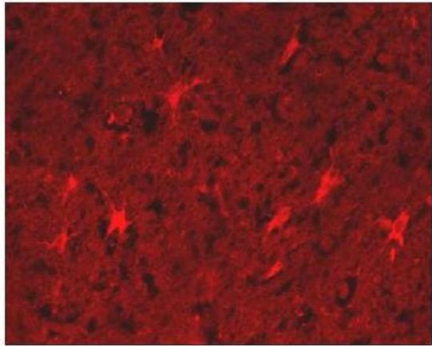
Format:	Liquid
Storage:	4 °C/-20 °C
Storage Comment:	Short term storage at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.
Expiry Date:	6 months

Image 1.



DJ-1

Image 2.



DJ-1 detected in human cortex (immunocytochemistry) using pab50148