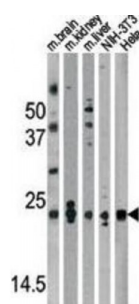
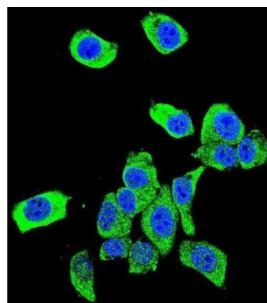


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Protein DJ-1 (DJ-1) Antibody

Catalogue No.: abx032825



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.

Target:	DJ-1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IF/ICC
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Immunogen:	Human DJ-1.
Purification:	Purified Rabbit Polyclonal Antibody.

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Isotype:	IgG
Conjugation:	Unconjugated
Specificity:	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.
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Swiss Prot:	<u>Q99497</u>
Buffer:	PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Note:	This product is for research use only.