

## Goat anti-PARK7 / DJ-1 Antibody

<b>Item Number</b>	dAP-0153
<b>Target Molecule</b>	Principle Name: PARK7 / DJ-1; Official Symbol: PARK7; All Names and Symbols: PARK7; DJ1; DJ-1; Parkinson disease (autosomal recessive, early onset) 7; oncogene DJ1; CTA-215D11.1; FLJ27376; FLJ34360; FLJ92274; OTTHUMP00000001350; OTTHUMP00000001351; Parkinson disease protein 7; protein DJ-1; Accession Number (s): NP_009193.2; Human Gene ID(s): 11315; Non-Human GeneID(s): 57320 (mouse) 117287 (rat)
<b>Immunogen</b>	AAQVKAPLVLKD, is from C Terminus Reported variants (NP_001116849.1; NP_009193.2) represent the same protein.
<b>Applications</b>	Pep ELISA, WB, IF  Species Tested: Human, Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 24kDa band observed in lysates of cell lines HeLa and Jurkat and of Human Brain (Cerebellum, Hippocampus, Frontal Cortex) and rodent Brain lysates (calculated MW of 19.9kDa according to NP_001116849.1 and of NP_009193.2). Recommended
<b>IHC</b>	
<b>Reference</b>	Reference(s): Nagakubo D, Taira T, Kitaura H, Ikeda M, Tamai K, Iguchi-Ariga SM, Ariga H. DJ-1, a novel oncogene which transforms mouse NIH3T3 cells in cooperation with ras. Biochem Biophys Res Commun. 1997 Feb 13;231(2):509-13..PMID: 9070310 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**