

Rabbit DJ-1 Polyclonal Antibody | anti-PARK7 antibody

Anti-DJ-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105349	Rabbit	Human, Rat, Monkey	Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

DJ-1; Polyclonal Antibody; Anti-DJ-1 Antibody; Protein DJ-1; Oncogene DJ1; Parkinson disease protein 7; anti-PARK7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of DJ-1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	189
Applicable Applications for anti-PARK7 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DJ-1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



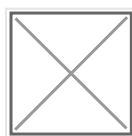
IF (Immunofluorescence)

Immunofluorescent analysis of DJ-1 staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of DJ-1 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of DJ-1 expression in HeLa (A), Jurkat (B), COLO205 (C), PC12 (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PARK7 antibody	Rabbit polyclonal antibody to DJ-1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	183227678
NCBI GeneID	11315
NCBI Accession #	NP_001116849.1
NCBI GenBank Nucleotide #	NM_001123377.1
UniProt Accession #	Q99497; O14805; Q6DR95; Q7LFU2; B2R4Z1
Molecular Weight	19,891 Da
NCBI Official Full Name	protein DJ-1
NCBI Official Synonym Full Names	parkinson protein 7
NCBI Official Symbol	PARK7
NCBI Official Synonym Symbols	DJ1; DJ-1; HEL-S-67p
NCBI Protein Information	protein DJ-1; oncogene DJ1; epididymis secretory sperm binding protein Li 67p; Parkinson disease (autosomal recessive, early onset) 7
UniProt Protein Name	Protein DJ-1
UniProt Gene Name	PARK7
UniProt Entry Name	PARK7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dj-1-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/105349>