

Rabbit DJ-1/PARK7 Polyclonal Antibody | anti-DJ-1/PARK7 antibody

DJ-1/PARK7 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA179186	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

DJ-1/PARK7; Polyclonal Antibody; DJ-1/PARK7 Polyclonal Antibody; DJ-1; DJ1; GATD2; HEL-S-67p; PARK7; anti-DJ-1/PARK7 antibody

PRODUCT SPECIFICATIONS

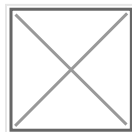
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-DJ-1/PARK7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human DJ-1/PARK7
Research Area	Cancer, Epigenetics and Nuclear Signaling, Metabolism, Neuroscience, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



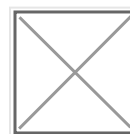
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using DJ-1/PARK7 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



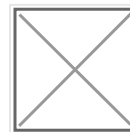
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using DJ-1/PARK7 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using DJ-1/PARK7 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophageal using DJ-1/PARK7 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using DJ-1/PARK7 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-DJ-1/PARK7 antibody	The product of this gene belongs to the peptidase C56 family of proteins. It acts as a positive 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.
Product Categories/Family for anti-DJ-1/PARK7 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

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
NCBI Protein Information	protein DJ-1; oncogene DJ1; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dj-1-park7-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/179186>