

Rabbit anti-Human, Mouse DJ-1 Polyclonal Antibody | anti-DJ-1 antibody

Rabbit anti-DJ-1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211121	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

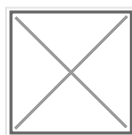
PRODUCT SYNONYMS

DJ-1; Polyclonal Antibody; Rabbit anti-DJ-1 Antibody; Affinity Purified; protein/nucleic acid deglycase DJ-1; protein DJ-1; DJ1; protein deglycase DJ-1; Parkinsonism-associated deglycase; parkinson protein 7; Parkinson disease protein 7; oncogene DJ1; maillard deglycase; HEL-S-67p; GATD2; epididymis secretory sperm binding protein Li 67p; Parkinson disease (autosomal recessive; early onset) 7; Protein deglycase DJ-1; Parkinsonism associated deglycase; anti-DJ-1 antibody

PRODUCT SPECIFICATIONS

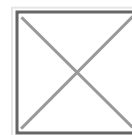
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-DJ-1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 139 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



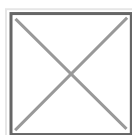
WB (Western Blot)

Detection of human DJ-1 by western blot and immunoprecipitation/Mass Spectrometry. Samples: A) Whole cell lysate from HeLa (20 and 4 ug for WB), MCF-7 (7; 20ug) and HEK293T (T; 20ug) cells. B) Cytosolic and nuclear extract (10 mg/IP) from HeLa S3 cells. Antibodies: Affinity purified rabbit anti-DJ-1 antibody (Cat.No. AAA211121) used for WB at 0.1 ug/ml (A) and for IP at 0.7 ug/mg lysate (B). Detection: Chemiluminescence with an exposure time of 5 sec (A) and vMALDI-LTQ and LC-MS/MS of Coomassie stained bands (B).



WB (Western Blot)

Detection of human DJ-1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DJ-1 antibody AAA211121 (lot AAA211121-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human and mouse DJ-1 by immunohistochemistry. Sample: FFPE section of human breast carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti-DJ-1 (Cat. No. AAA211121 Lot1) used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-DJ-1 antibody	DJ-1 appears to have a function in many biological processes. DJ-1 was first reported as an oncogene and then identified as a gene linked to Parkinson disease, a common neurodegenerative disorder. DJ-1 has also been observed to play a role in the fertilization process and to act as a sensor for oxidative stress.
Product Categories/Family for anti-DJ-1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543380
NCBI GeneID	11315
NCBI Accession #	NP_009193.2
NCBI GenBank Nucleotide #	NM_007262.4
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-immunohistochemistry-immunoprecipitation-western-blot-elisa/211121>