
DJ-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251668

Unit: 0.1 mg

Description:

Protein DJ-1 (DJ-1) protects cells against oxidative stress and cell death. DJ-1 plays a role in regulating expression or stability of the mitochondrial uncoupling proteins SLC25A14 and SLC25A27 in dopaminergic neurons of the substantia nigra pars compacta and attenuates the oxidative stress induced by calcium entry into the neurons via L-type channels during pacemaking. DJ-1 eliminates hydrogen peroxide and protects cells against hydrogen peroxide-induced cell death. DJ-1 acts as an atypical peroxiredoxin-like peroxidase that scavenges hydrogen peroxide.

Isotype: Rabbit Ig

Applications: E, WB, IHC, IP

Species Reactivity: H, M, R, B, Hs, P

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Protein DJ-1; Oncogene DJ1; Parkinson disease protein 7; PARK7

Accession No.: Q99497

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human DJ-1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.