

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

PARK7/DJ1 RABBIT MAB

Cat.#: N261667

Product Name: Anti-PARK7/DJ1 Rabbit Monoclonal Antibody **Synonyms:** PARK7; Protein DJ-1; Oncogene DJ1; Parkinson disease protein 7 **UNIPROT ID:** 099497

Background: 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. It cooperates with Ras to increase cell transformation, it positively regulates transcription of the androgen receptor, and it may function as an indicator of oxidative stress.

Immunogen: A synthetic peptide of human PARK7/DJ1

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R04-6H5

MW: Calculated MW: 20 kDa; Observed MW: 20 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

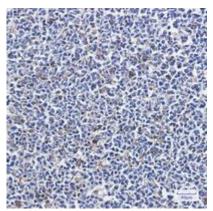
Research Areas: NeuroscienceyyyyyParkinson's disease

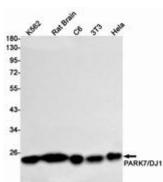
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



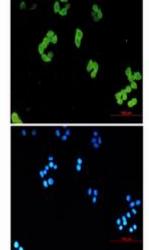
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Immunohistochemistry analysis of paraffin-embedded Human tonsil using PARK7/DJ1 antibody.Highpressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Western blot analysis of PARK7/DJ1 in K562, rat Brain, C6, 3T3, Hela lysates using PARK7/DJ1 antibody.



Immunocytochemistry analysis of PARK7/DJ1 (green) in Hela using PARK7/DJ1 antibody,and DAPI(blue)