

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: Q99497

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

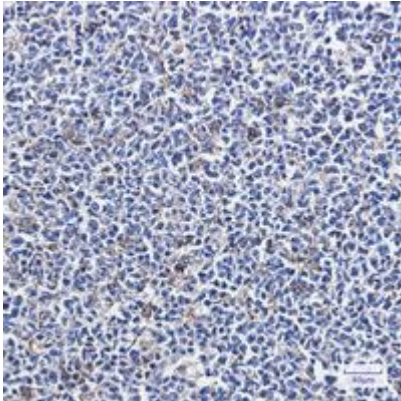
Conjugation: Unconjugated

Modification: Unmodified

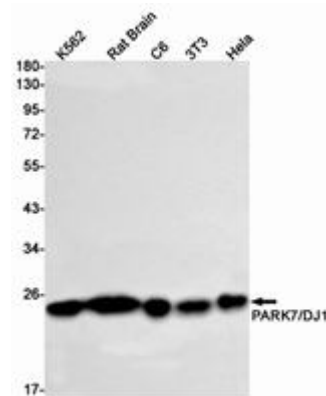
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Neuroscience Parkinson's disease

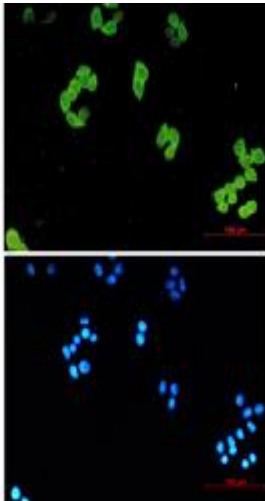
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human tonsil using PARK7/DJ1 antibody. High-pressure 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)