
Product Name: PARK7/DJ1 Rabbit Monoclonal Antibody**Catalog #: AMRe85193**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.62mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 20 kDa; Observed MW: 20 kDa

Antigen Information

Gene Name	PARK7/DJ1
Alternative Names	PARK7; Protein DJ-1; Oncogene DJ1; Parkinson disease protein 7
Gene ID	11315.0
SwissProt ID	Q99497
Immunogen	A synthetic peptide of human PARK7/DJ1

Background

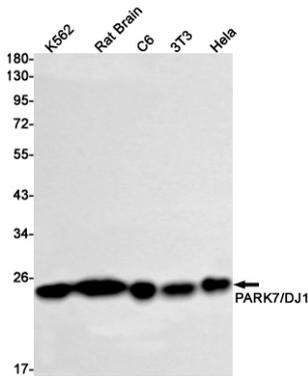
Plays a role in regulating expression or stability of the mitochondrial uncoupling proteins SLC25A14 and SLC25A27 in dopaminergic neurons of the substantia nigra pars compacta and attenuates the oxidative stress induced by calcium entry into the neurons via L-type channels during pacemaking. It cooperates with Ras to increase cell transformation, it positively

regulates transcription of the androgen receptor, and it may function as an indicator of oxidative stress.

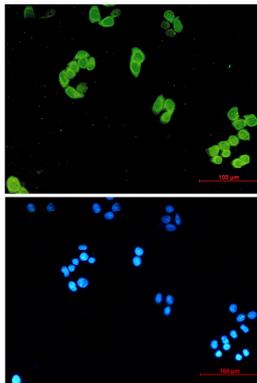
Research Area

Autophagy

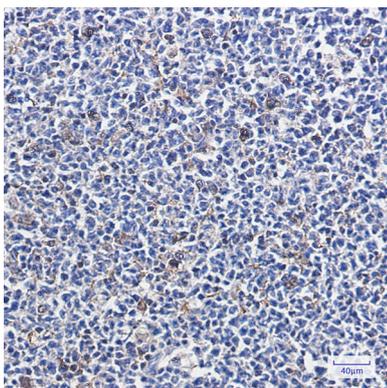
Image Data



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)



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.