

Product Name: PARK7/DJ1 Rabbit Polyclonal Antibody**Catalog #: APRab00096**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

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

Antigen Information

Gene Name	PARK7
Alternative Names	PARK7; Protein DJ-1; Oncogene DJ1; Parkinson disease protein 7
Gene ID	11315
SwissProt ID	Q99497
Immunogen	A synthetic peptide of human PARK7/DJ1

Background

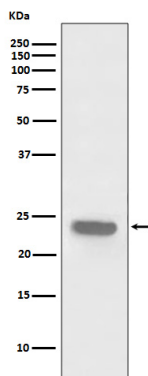
Plays a role in regulating expression or stability of the mitochondrial uncoupling proteins SLC25A14 and SLC25A27 in dopaminergic neurons of the substantia nigra pars compacta and attenuates the oxidative stress induced by calcium entry into

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.

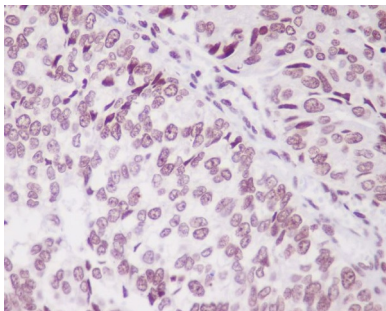
Research Area

Neuroscience

Image Data



Western blot analysis of PARK7 in HeLa lysates using PARK7/DJ1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human bladder cancer using PARK7 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.