

Product Name: PARK7/DJ1 Rabbit Monoclonal Antibody
Catalog #: AMRe01508



Summary

Production Name	PARK7/DJ1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	PARK7
Alternative Names	PARK7; Protein DJ-1; Oncogene DJ1; Parkinson disease protein 7
Gene ID	11315
SwissProt ID	Q99497

Application

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

Background

Product Name: PARK7/DJ1 Rabbit Monoclonal Antibody
Catalog #: AMRe01508

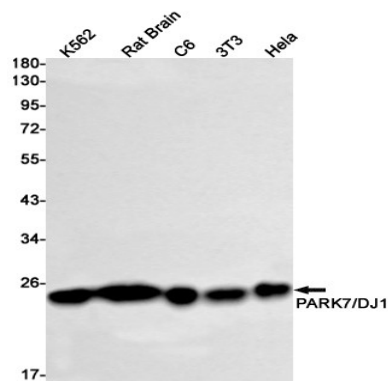


Plays a role in regulating expression or stability of the mitochondrial uncoupling proteins SLC25A14 and SLC25A27 in dopaminergic neurons of the substantia nigra pars compacta and attenuates the oxidative stress induced by calcium entry into the neurons via L-type channels during pacemaking. It cooperates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

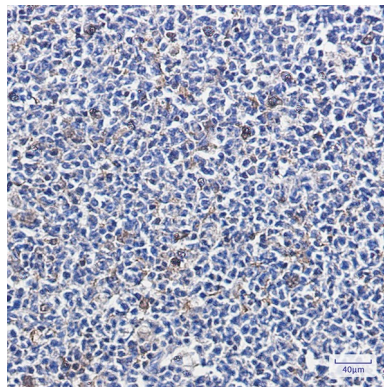
Research Area

Neuroscience

Image Data

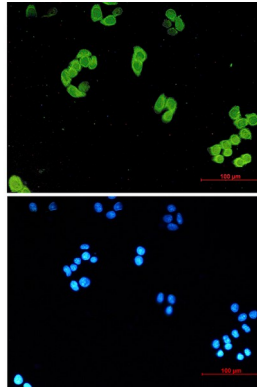


Western blot analysis of PARK7/DJ1 in K562, rat Brain, C6, 3T3, HeLa lysates using PARK7/DJ1 antibody.



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.

Product Name: PARK7/DJ1 Rabbit Monoclonal Antibody
Catalog #: AMRe01508



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

Note

For research use only.