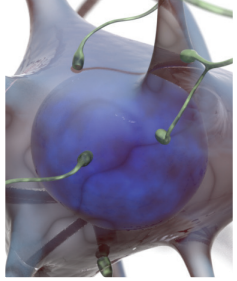
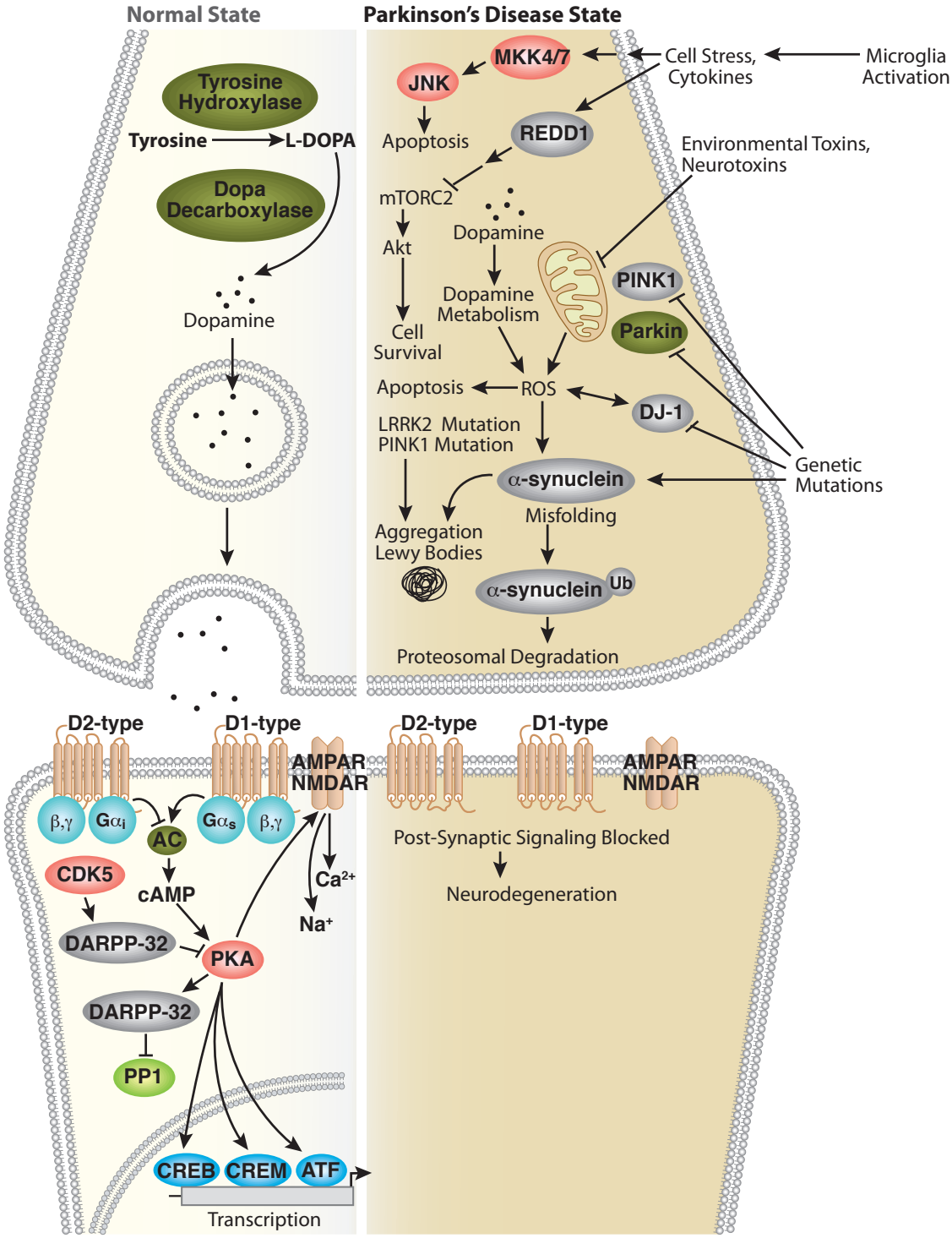


Parkinson's Disease

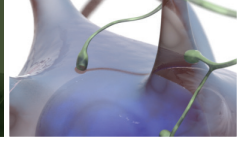
Dopamine Signaling in Parkinson's Disease Pathway



For pathway key and background please visit:

www.cellsignal.com/parkinsons

Cell Signaling TECHNOLOGY®



Key Products for Parkinson's Disease

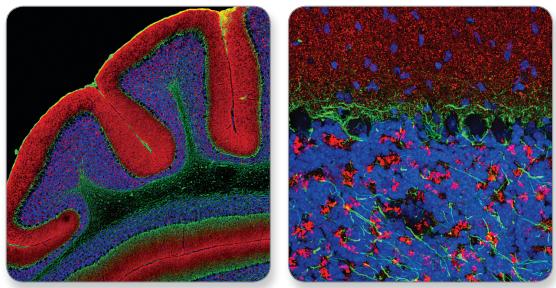
Visit **www.cellsignal.com/parkinsonslist** for full listing of antibodies, related kits, and reagents.

ANTIBODIES

		APPLICATIONS	REACTIVITY
#2536	AMPKγ2 Antibody	WB	H, M, R, Mk, B
#14145	CDK5 (D1F7M) Rabbit mAb	WB, IP	H, M, R, Mk
#12134	CDK5 (1H3) Mouse mAb	WB, IP	H, M, R, Mk
#2306	DARPP-32 (19A3) Rabbit mAb	WB, IP, IHC-P, IF-F	M, R, (H)
#11893	DARPP-32 (19A3) Rabbit mAb (Alexa Fluor® 488 Conjugate)	IF-F	M, R, (H)
#12438	Phospho-DARPP-32 (Thr34) (D27A4) Rabbit mAb	WB	H, (M, R)
#2301	Phospho-DARPP-32 (Thr75) Antibody	WB	M, R
#3401	Phospho-DARPP-32 (Ser97) (D11A5) Rabbit mAb	WB, IP	H, M, R
#5933	DJ-1 (D29E5) XP® Rabbit mAb	WB, IP, IF-IC	H, M, R, Hm, Mk
#5560	DJ-1 (D21E11) Rabbit mAb	WB, IP	H
#2469	eIF4G (C45A4) Rabbit mAb	WB, IHC-P, IF-IC, F	H, M, R, Mk
#2617	eIF4G (C65H5) Rabbit mAb	WB	H, M, R, Mk
#2498	eIF4G Antibody	WB, IHC-P, IF-IC, F	H, M, R, Mk
#2441	Phospho-eIF4G (Ser1108) Antibody	WB, IP, IF-IC	H, M, R, Hm, Mk, B
#8701	eIF4GI (D6A6) Rabbit mAb	WB, IP, IHC-P	H, M, R
#2858	eIF4GI Antibody	WB, IHC-P, IF-IC	H, M, R
#9745	HtrA2/Omi (D20A5) Rabbit mAb	WB	H, M, R, Mk
#2176	HtrA2 Antibody	WB	H, M, R, Mk, (Dg)
#13046	LRRK2 (D18E12) Rabbit mAb	WB, IP	H, M, R
#5559	LRRK2 Antibody	WB, IP	H, M, R
#2680	p35/25 (C64B10) Rabbit mAb	WB, IP, IHC-P, IF-F	H, M, R
#5879	PARK9 Antibody	WB, IP	H, M, R, Mk
#4211	Parkin (Prk8) Mouse mAb	WB, IP	H, M, R
#2132	Parkin Antibody	WB	H, M, R
#6946	PINK1 (D8G3) Rabbit mAb	WB, IP	H
#4179	α-Synuclein (D37A6) XP® Rabbit mAb	WB, IP, IHC-P, IF-F	M, R
#4639	α-Synuclein (D37A6) XP® Rabbit mAb (Alexa Fluor® 647 Conjugate)	IF-F	M, R
#2642	α-Synuclein Antibody	WB, IP	H, M, R, Mk
#2628	α-Synuclein Antibody (IF Preferred)	WB, IF-F	H, M, R
#2647	α-Synuclein (Syn204) Mouse mAb	WB, IHC-P	H
#2644	α/β-Synuclein (Syn205) Mouse mAb	WB, IP, IHC-P, IF-F	H, M, R
#2150	TorsinA (D-M2A8) Mouse mAb	WB	H
#2792	Tyrosine Hydroxylase Antibody	WB, IF-IC	H, M, R
#2791	Phospho-Tyrosine Hydroxylase (Ser40) Antibody	WB, IF-IC	R, (H, M)
#13179	UCHL1 (D3T2E) XP® Rabbit mAb	WB, IHC-P, IF-IC	H, M, R, Mk, (Hm, B, Dg, Pg, Hr)
#11896	UCHL1 (D8R2I) XP® Rabbit mAb	WB, IF-IC	H, M, R, Mk
#12083	UCHL1 (D8R2Y) Rabbit mAb	WB	H, M, R, Mk, (Hm, B, Dg, Pg, Hr)

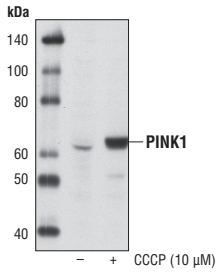
RELATED KITS AND REAGENTS

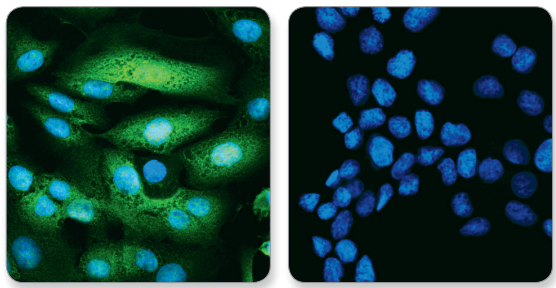
#8648	Parkinson's Research Antibody Sampler Kit
#7574	SignalSilence® HtrA2/Omi siRNA I
#12353	SignalSilence® UCHL1 siRNA I
#1081	DARPP-32 Blocking Peptide
#1003	eIF4G Blocking Peptide
#11607	α-Synuclein Blocking Peptide (2642 specific)



α-Synuclein Antibody (IF Preferred) #2628: Confocal IF analysis of mouse brain using #2628 (red) and Neurofilament-L (DA2) Mouse mAb #2835 (green). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).

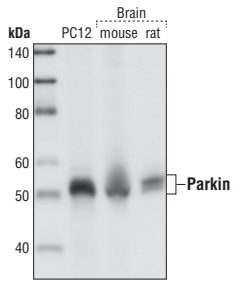
PINK1 (D8G3) Rabbit mAb #6946: WB analysis of extracts from HeLa cells, untreated (-) or treated with CCCP (10 µM, 24 hr; +), using #6946.

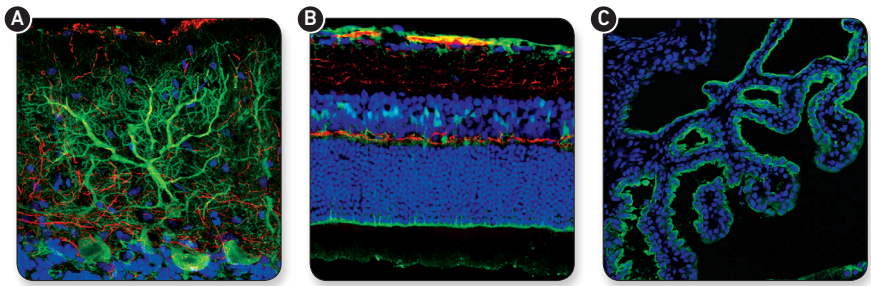




UCHL1 (D3T2E) XP® Rabbit mAb #13179: Confocal IF analysis of DU 145 (positive; left) and LNCaP (negative; right) cells using #13179 (green). Blue pseudocolor= DRAQ5® #4084 (fluorescent DNA dye).

Parkin (Prk8) Mouse mAb #4211: WB analysis of extracts from PC12 cells, fetal rat brain, and mouse brain using #4211.





◀ **DARPP-32 (19A3) Rabbit mAb #2306:** Confocal IF analysis of normal rat cerebellum **(A)**, retina **(B)**, and ciliary epithelium **(C)** using #2306 (green) and Neurofilament-H (RMdO 20) Mouse mAb #2836 (red). Blue pseudocolor = DRAQ5® (fluorescent DNA dye).

APPLICATIONS & REACTIVITY KEY: WB Western Blotting / **IP** Immunoprecipitation / **IHC** Immunohistochemistry / **IF** Immunofluorescence / **F** Flow Cytometry / **ChIP** Chromatin Immunoprecipitation / **-IC** Immunocytochemistry / **-P** Paraffin / **-F** Frozen / **E-P** Peptide ELISA / **H** human / **M** mouse / **R** rat / **Hm** hamster / **Mk** monkey / **C** chicken / **Mi** mink / **Dm** D. melanogaster / **X** Xenopus / **Z** zebra fish / **B** bovine / **Dg** dog / **Pg** pig / **Sc** S. cerevisiae / **All** all species expected / **( )** 100% sequence homology

15FLYPARK_REFM104ENG_00

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