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anti-LRRK2 antibody (C-Term)



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Publication



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Background:

Quantity:	400 μL
Target:	LRRK2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LRRK2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This PARK8 (LRRK2) antibody was raised in mice using purified His-tagged recombinant
	protein comprised of the C-terminal 261 residues of LRRK2.
Clone:	133AT720
Isotype:	lgG1
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.
Target Details	
Target:	LRRK2
Alternative Name:	PARK8 (LRRK2) (LRRK2 Products)

This gene is a member of the leucine-rich repeat kinase family and encodes a protein with an

Target Details

	ankryin repeat region, a leucine-rich repeat (LRR) domain, a kinase domain, a DFG-like motif, a RAS domain, a GTPase domain, a MLK-like domain, and a WD40 domain. The protein is present largely in the cytoplasm but also associates with the mitochondrial outer membrane. Mutations in this gene have been associated with Parkinson disease-8.
Molecular Weight:	286103
Gene ID:	120892
NCBI Accession:	NP_940980
UniProt:	Q5S007

Regulation of G-Protein Coupled Receptor Protein Signaling, Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

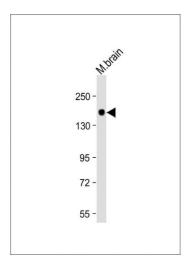
Handling

Pathways:

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in: Wang, Liu, Zhao, Song, Wang, Wang, Sun: "Phosphorylation of CDK2 on threonine 160 influences silencing of sex chromosome during male meiosis." in: **Biology of reproduction**, Vol. 90, Issue 6, pp. 138, (2014) (PubMed).



Western Blotting

Image 1. Anti-RK8 (LRRK2) Antibody at 1:1000 dilution + Mouse brain lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 286 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.