antibodies - online.com







anti-LRRK2 antibody (AA 878-909)



Images



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Overview		
Quantity:	0.4 mL	
Target:	LRRK2	
Binding Specificity:	AA 878-909	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This LRRK2 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)	
Product Details		
Immunogen:	A portion of amino acids 878-909 from the human protein was used as the immunogen for this	
	LRRK2 antibody.	
Isotype:	lg Fraction	
Purification:	Antigen affinity purified	
Target Details		
Target:	LRRK2	
Alternative Name:	LRRK2 (LRRK2 Products)	
Background:	Parkinson is the second most common neurodegenerative disease after Alzheimers. About 1	
	percent of people over the age of 65 and 3 percent of people over the age of 75 are affected by	
	the disease. The mutation is the most common cause of Parkinson's disease identified to date.	

LRRK2, a genetic mutation, was recently found linked to about 5 percent of inherited cases of Parkinson's disease. By high-resolution recombination mapping and candidate gene sequencing in 46 families, 6 disease-segregating mutations (5 missense and 1 putative splice site mutation). It may be central to the pathogenesis of several major neurodegenerative disorders associated with parkinsonism. LRRK2 belongs to the ROCO protein family and includes a protein kinase domain of the MAPKKK class and several other major functional domains.

UniProt:

Q5S007

Pathways:

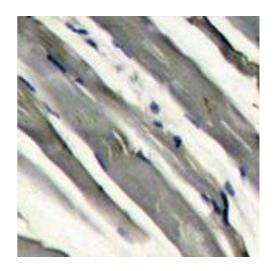
Regulation of G-Protein Coupled Receptor Protein Signaling, Skeletal Muscle Fiber Development

Application Details

Application Notes:	Titration of the LRRK2 antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50
Restrictions:	For Research Use only

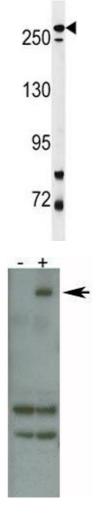
Handling

Format:	Liquid	
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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:	-20 °C	
Storage Comment:	Aliquot the LRRK2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.	



Immunohistochemistry

Image 1. IHC analysis of FFPE human hepatocarcinoma stained with LRRK2 antibody



Western Blotting

Image 2. LRRK2 antibody western blot analysis in mouse lung tissue lysate

Western Blotting

Image 3. PARK8 / LRRK2 antibody detects over-expressed human LRRK2 protein.

Please check the product details page for more images. Overall 5 images are available for ABIN3031607.