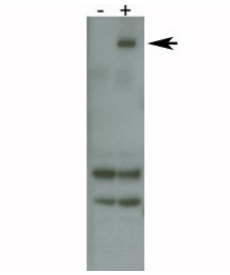
LRRK2 Antibody (F50110)

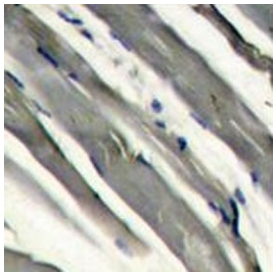
Catalog No.	Formulation	Size
F50110-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50110-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

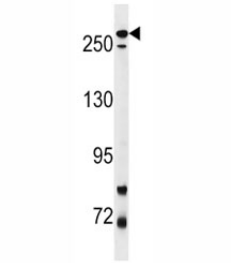
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q5S007
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This LRRK2 antibody is available for research use only.



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



IHC analysis of FFPE human hepatocarcinoma stained with LRRK2 antibody



LRRK2 antibody western blot analysis in mouse lung tissue lysate

Description

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.

Application Notes

Titration of the LRRK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 878-909 from the human protein was used as the immunogen for this LRRK2 antibody.

Storage

Aliquot the LRRK2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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