

Datasheet

LRRK2 polyclonal antibody

Catalog Number: PAB2631

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of LRRK2.

Immunogen: A synthetic peptide (conjugated with KLH) corresponding to residues surrounding L955 of human LRRK2.

Host: Rabbit

Reactivity: Human

Applications: IF, WB

(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Ammonium sulfate precipitation

Recommend Usage: Western Blot (1:1000)
Immunohistochemistry (1:50-100)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 120892

Gene Symbol: LRRK2

Gene Alias: AURA17, DARDARIN, PARK8, RIPK7, ROCO2

Gene Summary: This gene is a member of the leucine-rich repeat kinase family and encodes a protein with an 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. [provided by RefSeq]

References:

1. Dynamic and redundant regulation of LRRK2 and LRRK1 expression. Biskup S, Moore DJ, Rea A, Lorenz-Deperieux B, Coombes CE, Dawson VL, Dawson TM, West AB. BMC Neurosci. 2007 Nov 28;8:102.