

Mouse LRRK2/Dardarin Monoclonal Antibody | anti-LRRK2 antibody

LRRK2 / Dardarin Monoclonal Antibody

CATALOG # AAA47870	HOST Mouse	APPLICATIONS Immunofluorescence, Immunoblot, Western Blot
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PRODUCT SYNONYMS

LRRK2/Dardarin; Monoclonal Antibody; LRRK2 / Dardarin Monoclonal Antibody; anti-LRRK2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	This antibody recognizes human, mouse and rat LRRK2.
Form/Format	100ug (1mg/ml) Protein G-purified antibody in PBS, pH 7.4, 0.1% sodium azide, 50% glycerol.
Sequence Length	2527
Applicable Applications for anti-LRRK2 antibody	IF (Immunofluorescence), IB (Immunoblot)
Immunogen	Fusion protein corresponding to aa 1-500 (N-terminus) of human LRRK2. This sequence is 83% identical in mouse and rat and has no significant identity to LRRK1.
Preparation and Storage	This product is stable for at least one (1) year at -20 degree C.

IMAGES


Application Data

Detection of LRRK2 in neuroblastoma cell line SK-N-BE at 10ug/ml: DAPI (blue) nuclear stain, Texas Red F actin stain, ATTO 488 (green) LRRK2 stain.


Application Data

Detection of LRRK2 in rat brain lysate at 5ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-LRRK2 antibody	LRRK2 is a large protein (>200kDa) with multiple domains including several ankyrin, leucine-rich, and WD40 repeats, a Raslike small GTPase family domain named Roc, and a kinase domain that is closely related to the RIP kinase domain. The LRRK2 gene is expressed in brain as well as in other tissues such as lung, liver and heart. LRRK2 might be central to the pathogenesis of several major neurodegenerative diseases associated with parkinsonism. LRRK2 is also known as Leucine-rich repeat serine/threonine-protein kinase 2, Dardarin, and PARK8.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	171846278
NCBI GeneID	120892

NCBI Accession #	NP_940980
NCBI GenBank Nucleotide #	NM_198578.3
UniProt Accession #	Q5S007 ; Q6ZS50 ; Q8NCX9 ; A6NJU2
Molecular Weight	286,103 Da
NCBI Official Full Name	leucine-rich repeat serine/threonine-protein kinase 2
NCBI Official Synonym Full Names	leucine rich repeat kinase 2
NCBI Official Symbol	LRRK2
NCBI Official Synonym Symbols	PARK8; RIPK7; ROCO2; AURA17; DARDARIN
NCBI Protein Information	leucine-rich repeat serine/threonine-protein kinase 2
UniProt Protein Name	Leucine-rich repeat serine/threonine-protein kinase 2
UniProt Gene Name	LRRK2
UniProt Synonym Gene Names	PARK8

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lrrk2-dardarin-antibody-immunofluorescence-immunoblot-elisa/47870>