

Product Datasheet

LRRK2 Antibody (S138-6) - BSA Free NBP2-42175

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-42175

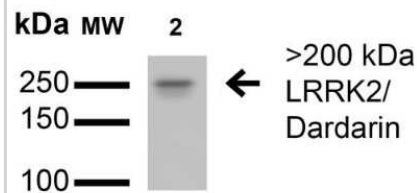
LRRK2 Antibody (S138-6) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S138-6
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse LRRK2 Antibody (S138-6) - BSA Free (NBP2-42175) is a monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	120892
Gene Symbol	LRRK2
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays sequence identity for non-tested species: Mouse and Rat.
Specificity/Sensitivity	Detects >200kDa.
Immunogen	Fusion protein, amino acids 1-500 (N-terminus) of human LRRK2. 83% identical in mouse and rat. No significant identity with LRRK1.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence
Application Notes	1 ug/ml of LRRK2/Dardarin Antibody was sufficient for detection of LRRK2/Dardarin in 20 ug of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody.

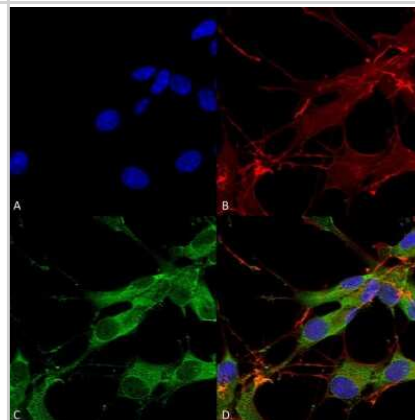


Images

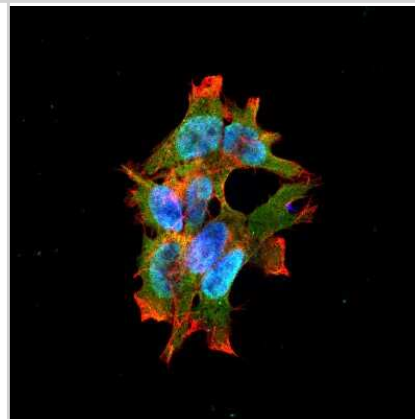
Western Blot: LRRK2 Antibody (S138-6) [NBP2-42175] - Western Blot analysis of Rat Brain Membrane showing detection of >200 kDa LRRK2/Dardarin protein using Mouse Anti-LRRK2/Dardarin Monoclonal Antibody, Clone S138-6 (NBP2-42175). Lane 1: Molecular Weight Ladder. Lane 2: Rat Brain Membrane. Load: 15 ug. Block: 2% BSA and 2% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-LRRK2/Dardarin Monoclonal Antibody (NBP2-42175) at 1:200 for 16 hours at 4C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:1000 for 1 hour RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: >200 kDa.



Immunocytochemistry/Immunofluorescence: LRRK2 Antibody (S138-6) [NBP2-42175] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-LRRK2/Dardarin Monoclonal Antibody, Clone S138-6 (NBP2-42175). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-LRRK2/Dardarin Monoclonal Antibody (NBP2-42175) at 1:100 for overnight at 4C with slow rocking. Secondary Antibody: AlexaFluor 488 at 1:1000 for 1 hour at RT. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 min at RT. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) LRRK2/Dardarin Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: LRRK2 Antibody (S138-6) [NBP2-42175] - Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-LRRK2/Dardarin Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000; 1:5000 for 60 min RT, 5 min RT. Localization: Cytoplasm, Membrane, Nucleus. Magnification: 60X.





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Products Related to NBP2-42175

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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