

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	
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.

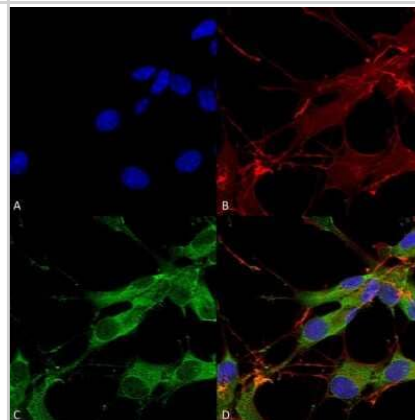


Images

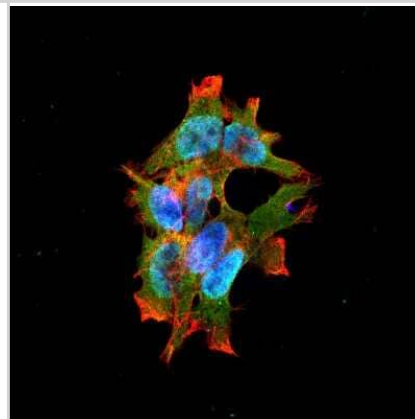
Western Blot: LRRK2 Antibody (S138-6) [NBP2-42175] - Western Blot analysis of Rat Brain Membrane showing detection of >200 kDa LRRK2/Dardarin protein using Mouse Anti-LRRK2/Dardarin Monoclonal Antibody, Clone S138-6 (NBP2-42175). Lane 1: Molecular Weight Ladder. Lane 2: Rat Brain Membrane. Load: 15 ug. 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

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB300-268PEP	LRRK2 Antibody Blocking Peptide

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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