

Product Datasheet

Dynamin 3 Antibody NB120-3458

Unit Size: 100uL

Store at -20C. Avoid freeze-thaw cycles. After opening store under sterile conditions.

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NB120-3458**Dynamin 3 Antibody**

Product Information	
Unit Size	100uL
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles. After opening store under sterile conditions.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Ammonium sulfate precipitation
Buffer	PBS with 1 mg/ml BSA

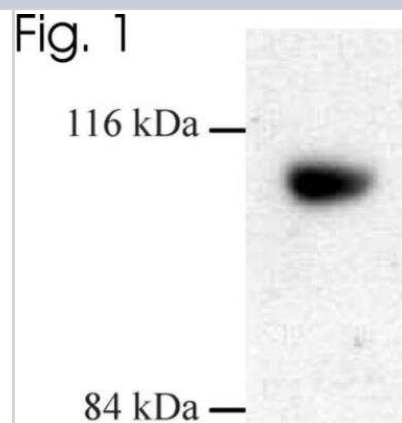
Product Description	
Host	Rabbit
Gene ID	26052
Gene Symbol	DNM3
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects a band at approximately 100 kDa.
Immunogen	Synthetic Peptide: C P(623) D K S F T E N D E N G Q A E N F(639)

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:250

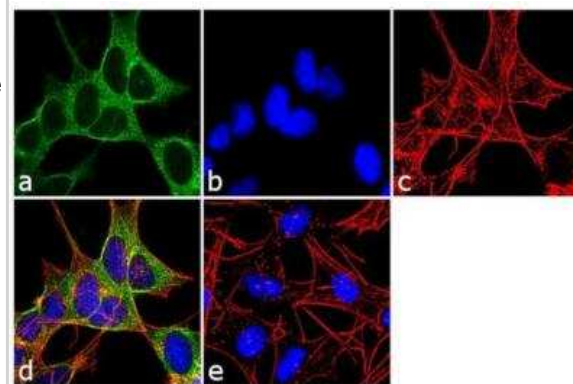


Images

Western Blot: Dynamin 3 Antibody [NB120-3458] - Analysis of rat liver extract.



Immunocytochemistry/Immunofluorescence: Dynamin 3 Antibody [NB120-3458] - Immunofluorescence analysis of Dynamin III was performed using 70% confluent log phase SH-SY5Y cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton(TM) X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with Dynamin III Rabbit Polyclonal Antibody at 2 ug/mL in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal(TM) Secondary Antibody, Alexa Fluor(R) 488 conjugate for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade(R) Gold Antifade Mountant with DAPI. F-actin (Panel c: red) was stained with Rhodamine Phalloidin. Panel d represents the merged image showing cytoplasmic localization. Panel e shows the no primary antibody control. The images were captured at 60X magnification.



Publications

Kelly BL, Vassar R, Ferreira A et al. Beta-amyloid-induced dynamin 1 depletion in hippocampal neurons. A potential mechanism for early cognitive decline in Alzheimer disease. J Biol Chem. 2005-09-01 [PMID: 16002400]

Kolokoltsov, rey A et al. Small Interfering RNA Profiling Reveals Key Role of Clathrin-Mediated Endocytosis Early Endosome Formation for Infection by Respiratory Syncytial Virus. 81: 7786-7800, 2007. [PMID: 17494077]



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Products Related to NB120-3458

NBL1-09969	Dynamin 3 Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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