

Product Datasheet

Dynamin [p Ser774] Antibody - Azide Free **NB300-209**

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

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NB300-209

Dynamin [p Ser774] Antibody - Azide Free

Product Information

Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	95 kDa

Product Description

Description	Novus Biologicals Sheep Dynamin [p Ser774] Antibody - Azide Free (NB300-209) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-Dynamin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Sheep
Gene ID	1759
Gene Symbol	DNM1
Species	Mouse, Rat
Specificity/Sensitivity	Specific for endogenous levels of the ~95 kDa dynamin protein phosphorylated at Ser774. Labels the purified protein phosphorylated in vitro by cdk5 but not by PKC. Does not cross react with other purified substrates of cdk5 (e.g. amphiphysin and synapsin). Immunolabeling is blocked by lambda-phosphatase treatment.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser774 conjugated to KLH. Accession # P21575

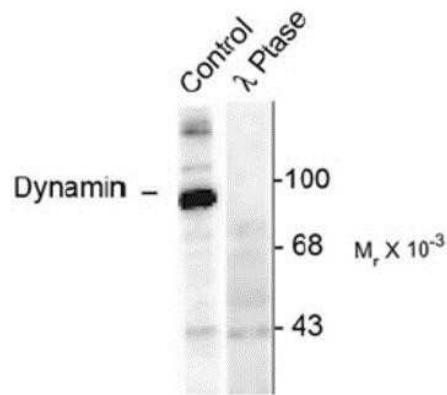
Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000
Application Notes	NB300-209 can be used in Western blot where a band is seen at ~ 97 kD, representing Dynamin



Images

Western Blot: Dynamin [p Ser774] Antibody [NB300-209] - Rat hippocampal lysate stimulated with forskolin showing specific immunolabeling of the ~95k dynamin phosphorylated at Ser774 (Control). The phosphospecificity of this labeling is shown in the second lane (lambda-phosphatase: lambda-Ptase). The blot is identical to the control except that it was incubated in lambda-Ptase (1200 units for 30 min) before being exposed to the Anti-Ser774 dynamin. The immunolabeling is completely eliminated by treatment with lambda-Ptase.



Publications

Tan, TC et al. Cdk5 is Essential for Synaptic Vesicle Endocytosis. *Nat. Cell Bio.*, 5(8): 701-710. 2003-01-01 [PMID: 12855954]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB300-209

HAF016	Donkey anti-Sheep IgG Secondary Antibody [HRP]
NL010	Donkey anti-Sheep IgG Secondary Antibody [NL557]
NBP1-97055-10mg	Sheep IgG Isotype Control
NBP2-76558PEP	Dynamin Recombinant Protein Antigen

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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