

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

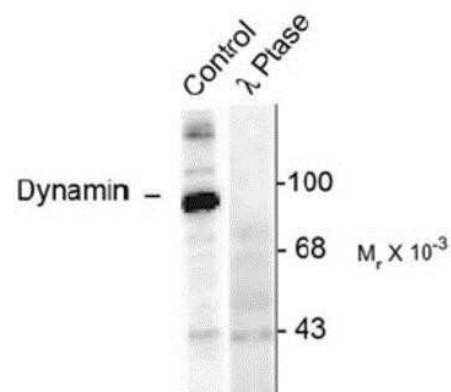
Dynamain [p Ser774] Antibody - Azide Free

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 Dynamain [p Ser774] Antibody - Azide Free (NB300-209) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-Dynamain 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 dynamain 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 Dynamain



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]



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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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