10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Dynamin Antibody
Affinity purified rabbit polyclonal antibody
Catalog # AN1122

Specification

Dynamin Antibody - Product Information

Application	**WB**
Primary Accession	Q05193
Reactivity	**Rat**
Predicted	**Bovine, Chicken, Human, Mouse, Monkey**
Host	**Rabbit**
Clonality	**polyclonal**
Calculated MW	**95 KDa**

Dynamin Antibody - Additional Information

Gene ID	**1759**
Gene Name	**DNM1**

Other Names
Dynamin-1, DNM1, DNM

Target/Specificity
Synthetic peptide corresponding to amino acid residues from the N-terminal region conjugated to KLH.

Dilution
WB~~ 1:1000

Format
Prepared from rabbit serum by affinity purification via chromatography on an affinity column made with the N-terminal peptide used as antigen.

Antibody Specificity
Specific for ~95k dynamin protein.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Dynamin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping
Blue Ice

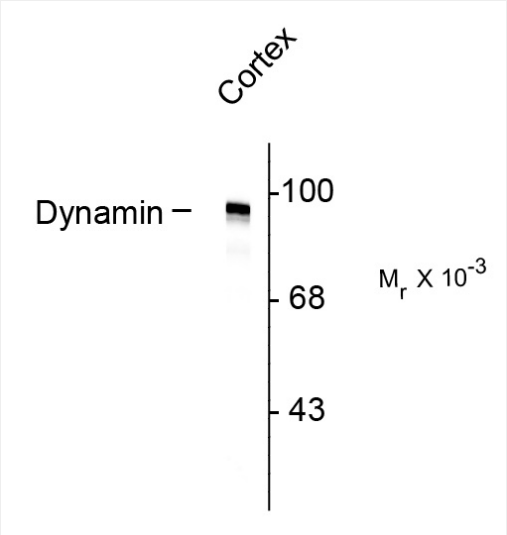
Dynamin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

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- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Dynamin Antibody - Images



Western Blot of rat cortex lysate showing labeling of the ~95k dynamin protein.

Dynamin Antibody - Background

Dynamin is a member of a group of nerve terminal proteins called dephosphins that regulate synaptic vesicle endocytosis (Cousin et al., 2001; Graham et al., 2002; Tsuboi et al., 2002). There are 3 known isofoms of Dynamin, each having several splice variants as well. Dynamin I is expressed only in neurons whereas Dynamin II is ubiquitously expressed and Dynamin III is found primarily in the testes. Dynamin 1 is phosphorylated by PKC and dephosphorylated by calcineurin.

Dynamin Antibody - References

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76:105-116.
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processes contribute to the regulation of single vesicle release kinetics and quantal size. Proc Natl Acad Sci USA
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Tan TC, Valova VA, Malladi CS, Graham ME, Berven LA, Jupp OJ, Hansra G, McClure SJ, Sarcevic B, Boadle RA,
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