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Anti-Dynamin Antibody

Our Anti-Dynamin rabbit polyclonal primary antibody from PhosphoSolutions is produced in-house. It d
Catalog # AN1369

Product Information

Application	WB
Primary Accession	Q05193
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	97408

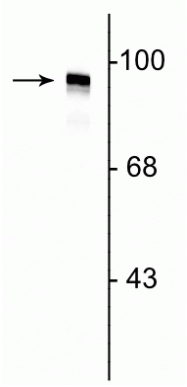
Additional Information

Gene ID	1759
Other Names	B dynamin antibody, D100 antibody, DNM 1 antibody, DNM antibody, DNM1 antibody, DYN1_HUMAN antibody, Dynamin antibody, Dynamin-1 antibody, Dynamin1 antibody
Target/Specificity	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 isoforms 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.
Dilution	WB~~1:1000
Format	Antigen Affinity Purified from Pooled Serum
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	Anti-Dynamin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

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 isoforms 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.

Images



Western Blot of rat cortical lysate showing labeling of the ~95 kDa dynamin protein.