

ARG52268 anti-Dynamin antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Dynamin
Tested Reactivity	Rat
Predict Reactivity	Hu, Ms, Bov, Chk, NHuPrm
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Dynamin
Species	Human
Immunogen	Synthetic peptide corresponding to amino acid residues from the N-terminal region conjugated to KLH
Conjugation	Un-conjugated
Alternate Names	DNM; EC 3.6.5.5; Dynamin-1; EIEE31

Application Instructions

Application table	Application	Dilution
	WB	1:1,000
Application Note	Specific for ~95k dynamin protein. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity Purified
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 0.1 mg/ml BSA and 50% Glycerol
Stabilizer	0.1 mg/ml BSA, 50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

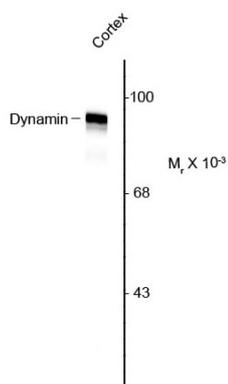
Bioinformation

Database links	GeneID: 140694 Rat
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[Swiss-port # P21575 Rat](#)

Gene Symbol	DNM1
Gene Full Name	dynamin 1
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.
Highlight	Related Antibody Duos and Panels: ARG30101 Phospho Dynamin Antibody Duo (Total, pS774) Related products: Dynamin antibodies ; Dynamin Duos / Panels ; Anti-Rabbit IgG secondary antibodies ;
Research Area	Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	97 kDa

Images



ARG52268 anti-Dynamin antibody WB image

Western Blot: rat cortex lysate showing specific immunolabeling of the ~95k Dynamin protein stained with Dynamin antibody (ARG52268).