

Product Datasheet

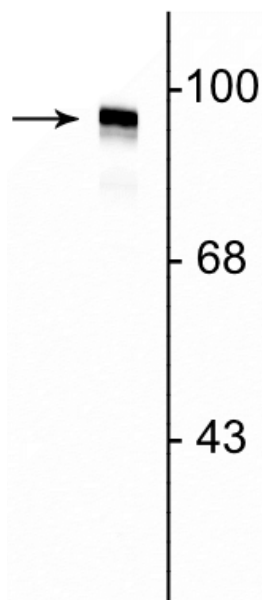
Anti-Dynamin



Overview

Catalog #	480-DYN
Host Species	Rabbit Polyclonal
Format	Antigen Affinity Purified from Pooled Serum
Applications	WB 1:1000
Species Tested	Human, Mouse, Rat
Expected Reactivity	Bovine, Chicken, Non-Human Primate
Immunogen	Synthetic peptide corresponding to amino acid residues from the N-terminal region of human dynamin, conjugated to keyhole limpet hemocyanin (KLH).
Molecular Weight	95 kDa
Cite this Antibody	PhosphoSolutions Cat# 480-DYN, RRID:AB_2492081

Images



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

Details

Target Description	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.
Specificity	Specific for endogenous levels of the ~95 kDa dynamin protein.
Production/Purification	Prepared from rabbit serum by affinity purification via chromatography on an affinity column made with the N-terminal peptide used as antigen.
Quality Control	Western blots performed on each lot.
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol.
Stability	After date of receipt, stable for at least 1 year at -20°C.

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