

Datasheet for ABIN361522  
**anti-Dynamin 1 antibody (N-Term)**



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Dynamin 1 (DNM1)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dynamin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide corresponding to amino acid residues from the N-terminal region conjugated to KLH
Specificity:	Specific for ~95k Dynamin protein.
Cross-Reactivity:	Rat (Rattus)
Predicted Reactivity:	bovine, chicken, human, mouse and non-human primate
Purification:	Antigen Affinity Purified from Pooled Serum

Target Details

Target:	Dynamin 1 (DNM1)
Alternative Name:	DNM1 ( <a href="#">DNM1 Products</a> )

## Target Details

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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. Anti-Dynamin Western Blot of rat cortex lysate showing labeling of the ~95k Dynamin protein.
Molecular Weight:	95 kDa
Gene ID:	1759
UniProt:	<a href="#">Q05193</a>
Pathways:	<a href="#">Toll-Like Receptors Cascades</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Thromboxane A2 Receptor Signaling</a>

## Application Details

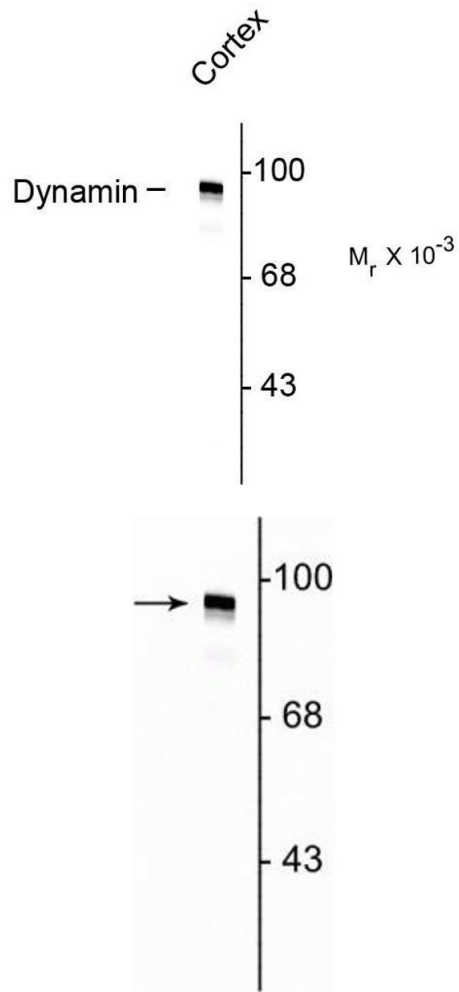
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Application Notes:	Recommended Dilution: WB: 1:1000 Quality Control: Western blots performed on each lot.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	100 µL in 10 mM HEPES ( pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50 % glycerol.
Storage:	-20 °C



#### Western Blotting

**Image 1.** Western Blot of rat cortex lysate showing labeling of the ~95k Dynamin protein.

#### Western Blotting

**Image 2.** Western Blot of rat cortical lysate showing labeling of the ~95 kDa dynamin protein.