

Datasheet for ABIN6657461
anti-Dynamin 1 antibody (N-Term)



[Go to Product page](#)

1 Image

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), ELISA

Product Details

Purpose:	Dynamin Antibody
Immunogen:	Anti-Dynamin Antibody was produced in rabbit by repeated immunizations with synthetic peptide corresponding to amino acid residues from the N-terminal region conjugated to KLH.
Isotype:	IgG
Cross-Reactivity (Details):	Anti-Dynamin antibody is directed against human Dynamin.
Purification:	Anti-Dynamin antibody was affinity purified from monospecific antiserum by immunoaffinity purification.

Target Details

Target:	Dynamin 1 (DNM1)
---------	------------------

Target Details

Alternative Name:	Dynamin (DNM1 Products)
Background:	Synonyms: Dynamin-1, B-dynamin, D100 Background: Dynamin Antibody detects Dynamin which is a member of a group of nerve terminal proteins called dephosphins that regulate synaptic vesicle endocytosis. 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 Antibody is ideal for investigators involved in Cell Signaling, Cell Motility, Neuroscience and Cancer Research. Gene Name: DNM1
Gene ID:	1759
UniProt:	Q05193
Pathways:	Toll-Like Receptors Cascades , CXCR4-mediated Signaling Events , Thromboxane A2 Receptor Signaling

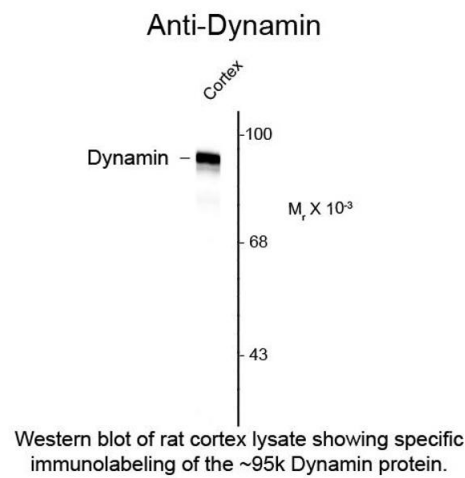
Application Details

Application Notes:	ELISA_Dilution: 1:10,000 Western_Blott_Dilution: 1:1000
Comment:	Anti-Dynamin Antibody is tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band of approximately 95 kDa in size corresponding to the dynamin proteins in the appropriate cell lysate or extract.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: 0.01 M HEPES, 0.15 M Sodium Chloride, pH 7.5 Stabilizer: 0.1 mg/mL Bovine Serum Albumin (BSA) - IgG and Protease free, 50 % (v/v) Glycerol
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. This product is stable at 4° C as an undiluted liquid. For extended storage, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Dilute only prior to immediate use.

Expiry Date: 12 months



Western Blotting

Image 1. Western Blot of Anti-Dynamin (Rabbit) Antibody - 600-401-D31 Western Blot of Anti-Dynamin (Rabbit) Antibody. Lane 1: rat cortex lysate. Lane 2: none. Load: 10 µg per lane. Primary antibody: Dynamin antibody at 1:400 for overnight at 4°C. Secondary antibody: rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: ~95kDa/~95kDa for dynamin protein. Other band(s): none.