Datasheet for ABIN372615

anti-Dynamin 1 antibody (N-Term)

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Overview

Quantity:	0.1 mL
Target:	Dynamin 1 (DNM1)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Chicken, Non-Human Primate
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dynamin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Peptide corresponding to amino acid residues from the N-terminal region of human Dynamin, conjugated to keyhole limpet hemocyanin (KLH).
Isotype:	IgG
Specificity:	Recognizes the ~95k Dynamin protein.
Cross-Reactivity (Details):	Species reactivity (expected):Human, Mouse, Bovine (Cow), Chicken and non-Human Primates. Species reactivity (tested):Rat.
Purification:	Affinity Chromatography.

Target Details

Target:	Dynamin 1 (DNM1)

Target Details

Alternative Name:	Dynamin-1 (DNM1 Products)
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 isofoms 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.Synonyms: DNM, DNM1
Gene ID:	140694
NCBI Accession:	NP_542420
UniProt:	P21575
Pathways:	Toll-Like Receptors Cascades, CXCR4-mediated Signaling Events, Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Western Blot: 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg/mL BSA and 50 % Glycerol.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store the antibody undiluted (in aliquots) at-20 °C.

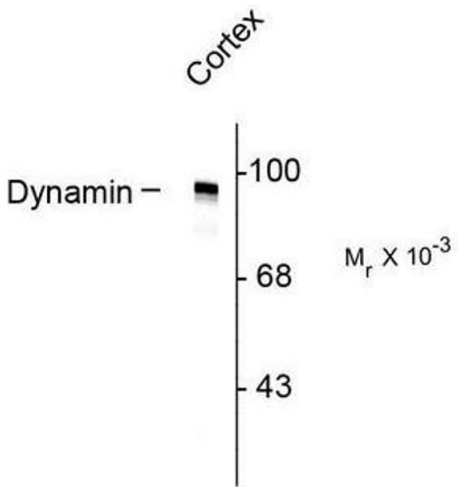

Image 1.

