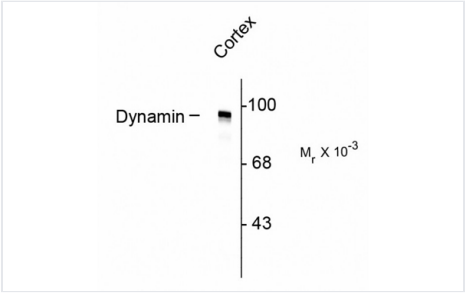
DNM1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DNM1, Polyclonal Antibody
Full Product Name	DNM1 Antibody
Product Gene Name	anti-DNM1 antibody
Product Synonym Names	Rabbit Polyclonal DNM1 Antibody; Polyclonal DNM1 antibody; Anti-DNM1 antibody; DNM 1 antibody; DNM-1 antibody; DNM1; Dynamin 1 antibody; DNM antibody; Dynamin antibody
Clonality	Polyclonal
Host	Rabbit
Form/Format	Supplied in liquid form in 10 mM HEPES buffer (pH 7.5), 150 mM NaCl, 100 ug per ml BSA and 50% Glycerol
Purity/Purification	Affinity Chromatography
3D Structure	ModBase 3D Structure for P54861
Product Categories/Family for anti-DNM1 antibody	Cell Biology
Applications Tested/Suitable for anti-DNM1 antibody	Western Blot (WB)
Application Notes for anti-DNM1 antibody	WB: 1:1000
Related Product Information for anti-DNM1 antibody	DNM1 is a member of the dynamin subfamily of GTP-binding proteins. The protein possesses unique mechanochemical properties used to tubulate and sever membranes, and is involved in clathrin-mediated endocytosis and other vesicular trafficking processes. Actin and other cytoskeletal proteins act as binding partners for the protein, which can also self-assemble leading to stimulation of GTPase activity. More than sixty highly conserved copies of the 3' region of this gene are found elsewhere in the genome, particularly on chromosomes Y and 15. Alternatively spliced transcript variants encoding different isoforms have been described.
Other Notes	Small volumes of anti-DNM1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DNM1 purchase	MBS5313102 is an antibody targeting DNM1. Also known as DNM1 Antibody. Host: Rabbit.



Western Blot (WB) of anti-DNM1 antibody
Western Blot of rat cortex lysate showing labeling of the ~95k dynamin protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DNM1. It may not necessarily be applicable to this product.

NCBI GI #	6323028
NCBI GeneID	850686
UniProt Primary Accession #	P54861
UniProt Related Accession #	P54861
GenBank Nucleotide #	NP_013100.1
NCBI Official Full Name	dynamin-related GTPase DNM1
NCBI Official Symbol	DNM1
UniProt Protein Name	Dynamin-related protein DNM1
Protein Family	Dynamin
UniProt Gene Name	DNM1
NCBI Protein Information	dynamin-related GTPase DNM1
UniProt Comments for DNM1	Microtubule-associated force-producing protein that participates mitochondrial fission. Fission of mitochondria occurs in many cell types and constitutes an important step in mitochondria morphology, which is balanced between fusion and fission. Functions antagonistically with FZO1.
Research Articles on DNM1	**1.** A double deletion mutant in which two essential components of the fission and fusion machinery, Dnm1 and Mgm1, are simultaneously ablated are characterized by impaired respiration and a decrease in mitophagy and replicative lifespan
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