

DNAxPAb

Hard-to-Find
Antibody

DNM2 DNAxPab

Catalog # H00001785-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human DNM2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MGNRGMEELIPLVNKLQDAFSSIGQSCHLDLPQIAVVGGSAGKSSVLENFVGRDFLPRGSGVT
RRPLILQLIFSKTEHAEFLHCKSKKFTDFDEVQEIEAETDRVTGTNKGISPPINLRVYSPHVLNLT
LIDLPGITKVPVGDQPPDIEYQIKDMLQFISRESSLILAVTPANMDLANSALKLAKEVDPQGLRTIG
VITKLDLMDEGTDARDVLENKLLPLRRGYIGVVNRSQKDIEGKKDIRAALAAERKFFLSHPAYRHM
ADRMGTPHLQKTLNQQLTNHIRESLPALRSKLQSLLSLEKEVEEYKNFRPDDPTRKTKALLQMV
QQFGVDFEKRIEGSGDQVDTLELSGGARINRIFHERFPFELVKMEFDEKDLRREISYAIKNIHGVRT
GLFTPDLAFAEIVKKQVVKLKEPCLKCVDLVIQELINTVRQCTSKLSSYPRLREETERIVTTYIRERE
GRTKDQILLIDIEQSYINTNHEDFIGFANAQQRSTQLNKKRAIPNQGEILVIRRGWL TINNISLMKGG
KEYWFLVTAESLSWYKDEEEKEKKYMLPLDNLKIRDVEKGFMSNKHVFAIFNTEQRNVYKDLRQI
ELACDSQEDVDSWKASFLRAGVYPEKDQAENEDGAQENTFSMDPQLERQVETIRNLVDSYVAII
NKSIRDLMPKIMHLMINNTKAFIHHELLAYLYSSADQSSLMEESADQAQRDDMLRMYHALKEAL
NIIGDISTSTVSTPVPVDDTWLQSASSHSPTQRRPVSSIHPPGRPPAVRGPTPGPPLIPVPVG
AAASFSAPIPSRPGPQSVFANSDLFPAPPQIPSRPVRIPPGIPPGVPSRRPPAAPS RPTIIRPAEP
SLLD

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — DNM2

Entrez GeneID [1785](#)

GeneBank Accession# [NM_001005360.1](#)

Protein Accession# [NP_001005360.1](#)

Gene Name DNM2

Gene Alias CMTD11, CMTDIB, DI-CMTB, DYN2, DYNII

Gene Description dynamin 2

Omim ID [160150 602378 606482](#)

Gene Ontology [Hyperlink](#)

Gene Summary

Dynamins represent one of the subfamilies of GTP-binding proteins. These proteins share considerable sequence similarity over the N-terminal portion of the molecule, which contains the GTPase domain. Dynamins are associated with microtubules. They have been implicated in cell processes such as endocytosis and cell motility, and in alterations of the membrane that accompany certain activities such as bone resorption by osteoclasts. Dynamins bind many proteins that bind actin and other cytoskeletal proteins. Dynamins can also self-assemble, a process that stimulates GTPase activity. Four alternatively spliced transcripts encoding different proteins have been described. Additional alternatively spliced transcripts may exist, but their full-length nature has not been determined. [provided by RefSeq]

Other Designations dynamin II

Pathway

- [Endocytosis](#)

- [Fc gamma R-mediated phagocytosis](#)

Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Genetic Predisposition to Disease](#)