

Product Name: Dynamin-2 Rabbit Monoclonal Antibody
Catalog #: AMRe87704



Summary

Production Name	Dynamin-2 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P, ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	Dynamin-2
Alternative Names	DYN2; CMT2M; DYNII; LCCS5; CMTD11; CMTDIB; DI-CMTB
Gene ID	1785, 13430, 25751
SwissProt ID	P50570, P39054, P39052.

Application

Dilution Ratio	WB: 1:1000 IHC-P: 1:50-1:100 ICC/IF: 1:50
Molecular Weight	Calculated MW:98 kDa; Observed MW:98 kDa

Background

Dynamins represent one of the subfamilies of GTP-binding proteins. These proteins share considerable sequence similarity

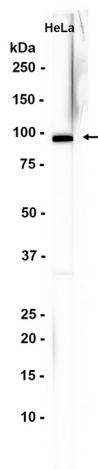
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over the N-terminal portion of the molecule, which contains the GTPase domain. Dynamins are associated with microtubules. They have been implicated in cell processes such as endocytosis and cell motility, and in alterations of the membrane that accompany 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. Five 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, Jun 2010]

Research Area

Image Data



Western blot analysis of extracts from HeLa cells using AMRe87704 at 1:1000.

Note

For research use only.