

Dynamin 2 Rabbit mAb

Catalog No: #49613

Package Size: #49613-1 50ul #49613-2 100ul

Description

Product Name	Dynamin 2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JM61-38
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, FC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Conjugates	Unconjugated
Other Names	CMT2M antibody CMTD11 antibody CMTD1B antibody DI CMTB antibody Dnm2 antibody DYN II antibody DYN2 antibody DYN2_HUMAN antibody Dynamin II antibody Dynamin-2 antibody Dynamin2 antibody DynaminII antibody DYNII antibody
Accession No.	Swiss-Prot#:P50570
Calculated MW	98 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:1000IHC: 1:50-1:200 ICC: 1:100-1:500 FC: 1:50-1:100

Background

Members of the dynamin family, including Dynamin I and Dynamin II, are GTPase, microtubule-associated proteins which are involved in endocytosis, synaptic transmission and neurogenesis. Dynamin I is localized to the central nervous system, while Dynamin II exhibits ubiquitous distribution with highest expression found in testis. Both dynamin proteins contain SH3 and proline-rich domains that mediate interactions between the dynamins and effectors of their GTPase activity. The interactions with these effectors, which include microtubules, acidic phospholipids and SH3 domain-containing proteins, are required for rapid endocytosis. Dynamin I appears to be recruited to clathrin coated pits by SH3 domain interaction with amphiphysin, a protein highly expressed in brain.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.