

Dynamin 2 Rabbit mAb

Catalog No: #59532

Package Size: #59532-1 50ul #59532-2 100ul

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Description

Product Name	Dynamin 2 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	Dynamin 2 Antibody detects endogenous levels of total Dynamin 2
Immunogen Description	A synthesized peptide derived from human Dynamin 2
Other Names	CMT2M; CMTDI1; CMTDIB; DI CMTB; Dnm2; DYN II; DYN2; Dynamin II; Dynamin2; DynaminII; DYNII;
Accession No.	Uniprot:P50570
Calculated MW	Predicted band size: 98 kDa
SDS-PAGE MW	Observed band size: 98 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

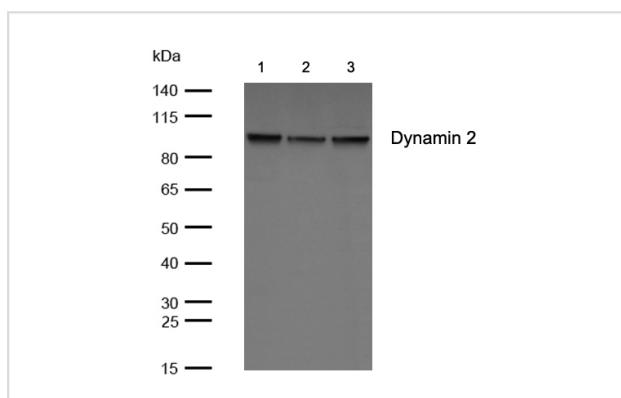
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: Dynamin 2 Rabbit mAb at 1/1k dilution

Lane 1 : JK whole cell lysates Lane 2 : 3T3 whole cell lysates

Lane 3 : PC12 whole cell lysates

Lysates/proteins at 20 µg per lane.

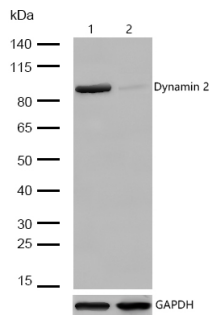
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 98 kDa

Observed band size: 98 kDa

Exposure time: 4 seconds

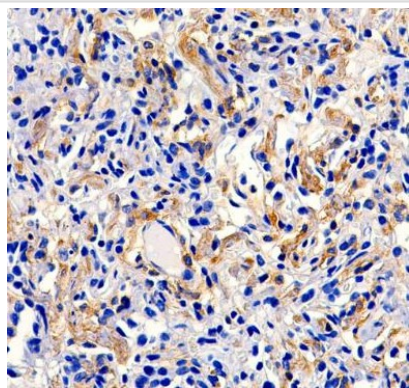


All lanes: Dynamin 2 Rabbit mAb at 1/1k dilution

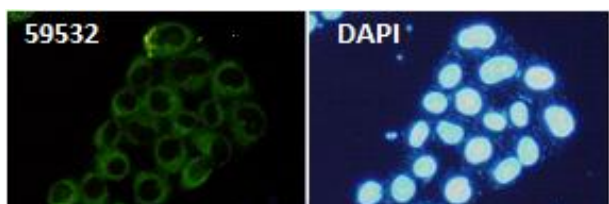
Lane 1 : Wild-type HeLa cell lysate

Lane 2 : Dynamin 2 Rabbit mAb knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human lung tissue stained for Dynamin 2 using 59532 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Dynamin 2 antibody (59532) ICC/IF staining of Dynamin 2 in PC-12 cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59532 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Background

Microtubule-associated force-producing protein involved in producing microtubule bundles and able to bind and hydrolyze GTP. Most probably involved in vesicular trafficking processes, in particular endocytosis.

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