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Datasheet for ABIN7266859

anti-Dynamin 3 antibody (AA 410-555)

2 Images

Overview

Quantity:	100 µL
Target:	Dynamin 3 (DNM3)
Binding Specificity:	AA 410-555
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dynamin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Dynamin 3 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 410-555 of human Dynamin 3 (NP_001265181.1).
Sequence:	EAIVKKQIVK LKGPSLKSVD LVIQELINTV KKCTKCLANF PRLCEETERI VANHIREREG KTKDQVLLLI DIQVSYINTN HEDFIGFANA QQRSSQVHKK TTVGNQVIRK GWLTISNIGI MKGGSKGYWF VLTAESLSWY KDDENI
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

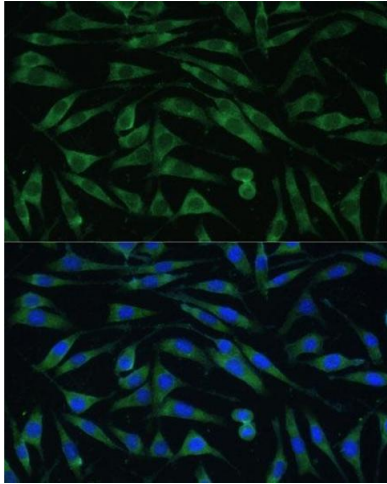
Target:	Dynamin 3 (DNM3)
Alternative Name:	DNM3 (DNM3 Products)
Background:	This gene encodes a member of a family of guanosine triphosphate (GTP)-binding proteins that associate with microtubules and are involved in vesicular transport. The encoded protein functions in the development of megakaryocytes. Alternative splicing results in multiple transcript variants.,DNM3,Dyna III,DynaIII,dynamin-3,Signal Transduction,G protein signaling,G2/M DNA Damage Checkpoint,Neuroscience,Cell Type Marker,Neuron marker,Synapse marker,DNM3
Molecular Weight:	62kDa/96kDa/97kDa/98kDa
Gene ID:	26052
UniProt:	Q9UQ16
Pathways:	Toll-Like Receptors Cascades

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:100
Restrictions:	For Research Use only

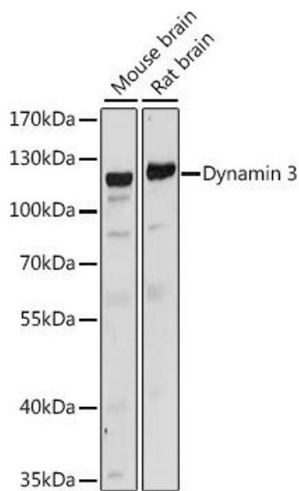
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using Dynamin 3 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Dynamin 3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.