

Datasheet for ABIN2464046

anti-Dynamin 1 antibody (truncated)**2** Images[Go to Product page](#)

Overview

Quantity:	0.1 mL
Target:	Dynamin 1 (DNM1)
Binding Specificity:	truncated
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Dynamin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Ni-NTA purified truncated recombinant Dynamin-1 expressed in E. Coli strain BL21 (DE3).
Clone:	3G4B6
Isotype:	IgG2a

Target Details

Target:	Dynamin 1 (DNM1)
Alternative Name:	Dynamin-1 (DNM1 Products)
Background:	Dynamin-1 (Dnm1), with 864-amino acid protein (about 95 kDa), belongs to the dynamin family. Dynamin-1 (neuron-specific), dynamin-2 (ubiquitously expressed), and dynamin-3 (expressed only in the testis, brain, and lung), constitute the dynamin family. Members of the dynamin family are GTPase, microtubule-associated proteins which are involved in endocytosis, synaptic

Target Details

transmission and neurogenesis. Dynamin-1 is phosphorylated in nerve terminals exclusively in the cytosolic compartment and in vitro by protein kinase C. Dynamin-1 is a large GTPase enzyme required in membrane constriction and fission during multiple forms of endocytosis. Dynamin-1 is also a key molecule required for the recycling of synaptic vesicles in neurons, and it has been known that dynamin-1 gene expression is induced during neuronal differentiation.

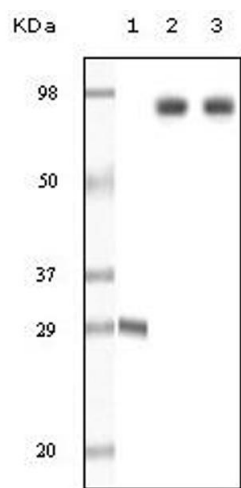
Gene ID:	1759
UniProt:	Q05193
Pathways:	Toll-Like Receptors Cascades , CXCR4-mediated Signaling Events , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Western Blot:1:500 - 1:2,000 IHC(P):1:500 - 1:2,000 IHC(F):1:500 - 1:2,000 ELISA:Propose dilution 1:10,000 Determining optimal working dilutions by titration test.
Restrictions:	For Research Use only

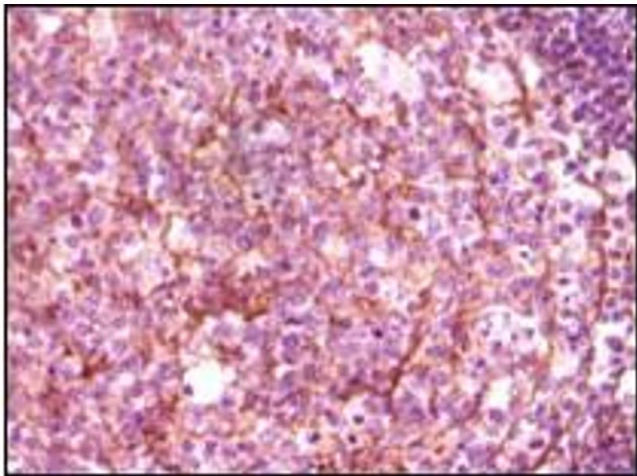
Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Storage:	-20 °C
Storage Comment:	Dynamin-1 monoclonal antibody can be stored at -20 °C, stable for one year.



Western Blotting

Image 1.



Immunohistochemistry

Image 2.