

Datasheet for ABIN7539632
anti-DNM2 antibody



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Overview

Quantity:	100 µL
Target:	DNM2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DNM2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Dynamin-2 Antibody
Immunogen:	Purified recombinant fragment of Dynamin-2 expressed in E. Coli.
Clone:	5E4C2F3
Isotype:	IgG2a
Purification:	Ascitic fluid

Target Details

Target:	DNM2
Alternative Name:	Dynamin-2 (DNM2 Products)
Background:	Description: Dynamin-2 (Dyn2), with 870-amino acid protein (about 95 kDa), belongs to the dynamin family. Dynamin-1 (neuron-specific), dynamin-2 (ubiquitously expressed), and

Target Details

dynamamin-3 (expressed only in the testis, brain, and lung), constitute the dynamamin family. Members of the dynamamin family are GTPase, microtubule-associated proteins which are involved in endocytosis, synaptic transmission and neurogenesis. Dynamamin 1 is expressed exclusively in neurons, Dynamamin 2 is ubiquitously expressed and Dynamamin 3 is thought to be restricted to expression in the brain, testis, heart, and lung. The dynamamins participate in the cellular process of clathrin-mediated and fluid-phase endocytosis.

Aliases: DYN2, DYNII, CMTDI1, CMTDIB, DI-CMTB, DNM2

Gene ID: 1785

UniProt: [P50570](#)

Pathways: [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: ELISA: 1/10000

Restrictions: For Research Use only

Handling

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.

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.