
DNM1L Rabbit pAb

Catalog Number: bs-4100R

Target Protein: DNM1L

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse

Predicted MW: 81 kDa

Subcellular Cytoplasm

Locations:

Entrez Gene: 10059

Swiss Prot: O00429

Source: KLH conjugated synthetic peptide derived from human DNM1L: 101-200/763.

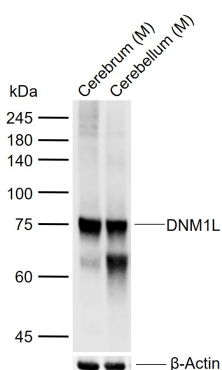
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a member of the dynamin superfamily of GTPases. Members of the dynamin-related subfamily, including the *S. cerevisiae* proteins Dnm1 and Vps1, contain the N-terminal tripartite GTPase domain but do not have the pleckstrin homology or proline-rich domains. This protein establishes mitochondrial morphology through a role in distributing mitochondrial tubules throughout the cytoplasm. The gene has 3 alternatively spliced transcripts encoding different isoforms. These transcripts are alternatively polyadenylated. [provided by RefSeq, Jul 2008].

VALIDATION IMAGES



Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Mouse Cerebellum tissue lysates Primary: Anti-DNM1L (bs-4100R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 81 kDa Observed band size: 75 kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=13.116] Zhang X et al. Oligodendroglial glycolytic stress triggers inflammasome activation and neuropathology in Alzheimer' s diseaseSci Adv.2020 Dec 4;6(49):eabb8680. IF ; Mouse . 33277246

[IF=6.792] Yang Q et al. Hexavalent chromium induces mitochondrial dynamics disorder in rat liver by inhibiting AMPK/PGC-1 α signaling pathway. Environ Pollut.2020 Oct;265(Pt A):114855. WB ; Rat . 32474337

[IF=7.1] Shuang-Feng Xu. et al. Astrocytic lactoferrin deficiency augments MPTP-induced dopaminergic neuron loss by disturbing glutamate/calcium and ER-mitochondria signaling. FREE RADICAL BIO MED. 2024 Nov;225:374 WB ; Mouse . 39406276

[IF=5.78] Chen, Zhiquan, et al. "Connexin43 regulates high glucose-induced expression of fibronectin, ICAM-1 and TGF- β 1 via Nrf2/ARE pathway in glomerular mesangial cells." Free Radical Biology and Medicine 102 (2017): 77-86. WB ; ="Mouse" . 27840317

[IF=4.527] Wang S et al. Hydrogen sulfide-induced oxidative stress leads to excessive mitochondrial fission to activate apoptosis in broiler myocardia. Ecotoxicol Environ Saf. 2019 Aug 20;183:109578. WB ; broiler . 31442807