Product datasheet

Anti-DRP1/DNM1L Antibody (Clone#OTI3F4)

Catalog Number: *M00556-1*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
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Basic Information

Product Name	Anti-DRP1/DNM1L Antibody (Clone#OTI3F4)
Gene Name	DNM1L
Source	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, ICC/IF
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Full length human recombinant protein of human DNM1L(NP_036192) produced in HEK293T cell.
Concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	81.7 kDa
Dilution Ratios	Western blot (WB): 1:4000 Immunohistochemistry (IHC): 1:150 Immunocytochemistry/Immunofluorescence (ICC/IF):1:100

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

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]

Reference

Anti-DRP1/DNM1L Antibody (Clone#OTI3F4)被引用在2文献中。

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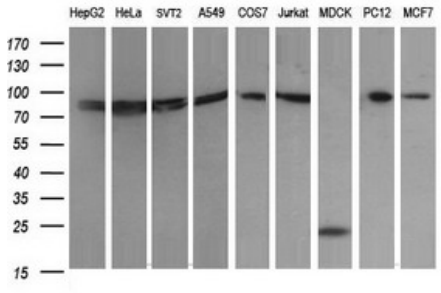
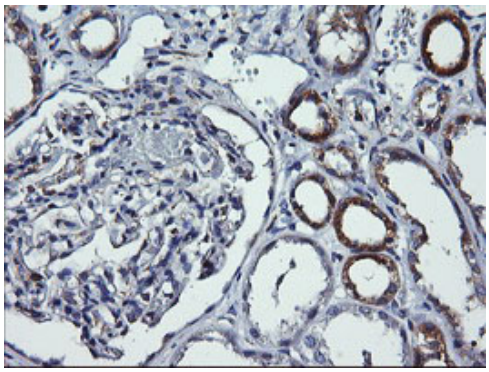
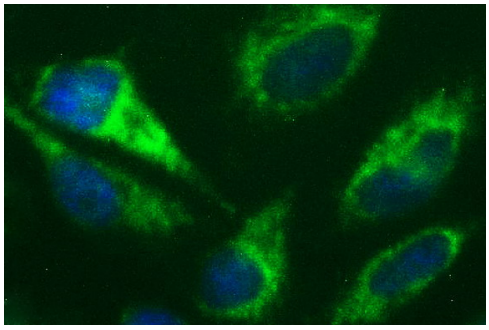
Selected Validation Data



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-DNM1L monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-DNM1L mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, M00556-1)



Immunofluorescent staining of HeLa cells using anti-DNM1L mouse monoclonal antibody.