

Datasheet for ABIN3023670

**anti-Dynamin 1-Like antibody (AA 411-710)**[Go to Product page](#)

## 9 Images

## Overview

Quantity:	100 µL
Target:	Dynamin 1-Like (DNM1L)
Binding Specificity:	AA 411-710
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dynamin 1-Like antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 411-710 of human DRP1 (NP_036193.2).
Sequence:	VSFELLVKRQ IKRLEEPSLR CVELVHEEMQ RIIQHCSNYS TQELLRFPKL HDAIVEVVTC LLRKRLPVTN EMVHNLVAIE LAYINTKHPD FADACGLMNN NIEEQRRNRL ARELPSAVSR DKLIQDSRRE TKNVASGGGG VGDGVQEPTT GNWRGMLKTS KAEELLAEEK SKPIPIMPAS PQKGHAVNLL DVPVPVARKL SAREQRDCEV IERLIKSYFL IVRKNIQDSV PKAVMHFLVN HVKDTLQSEL VGQLYKSSLL DDLLTESEDM AQRKKEAADM LKALQGASQI IAEIRETHLW
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	Dynamin 1-Like (DNM1L)
Alternative Name:	DNM1L ( <a href="#">DNM1L Products</a> )
Background:	<p>This gene encodes a member of the dynamin superfamily of GTPases. The encoded protein mediates mitochondrial and peroxisomal division, and is involved in developmentally regulated apoptosis and programmed necrosis. Dysfunction of this gene is implicated in several neurological disorders, including Alzheimer's disease. Mutations in this gene are associated with the autosomal dominant disorder, encephalopathy, lethal, due to defective mitochondrial and peroxisomal fission (EMPF). Alternative splicing results in multiple transcript variants encoding different isoforms.,DNM1L,DLP1,DRP1,DVLP,DYMPLE,EMPF,EMPF1,HDYNIV,Cancer,Signal Transduction,Cell Biology &amp; Developmental Biology,Apoptosis,Endocrine &amp; Metabolism,Mitochondrial metabolism,Mitochondrial markers,Neuroscience,Neurodegenerative Diseases,Dopamine Signaling in Parkinson's Disease,DNM1L</p>
Molecular Weight:	60 kDa/78 kDa/79 kDa/80 kDa/81 kDa/82 kDa/83 kDa
Gene ID:	10059
UniProt:	<a href="#">O00429</a>

## Application Details

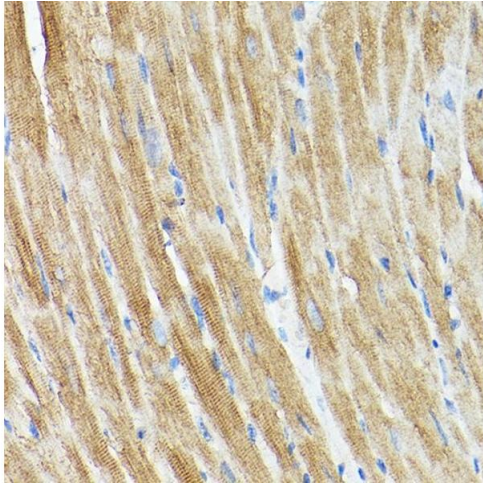
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Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

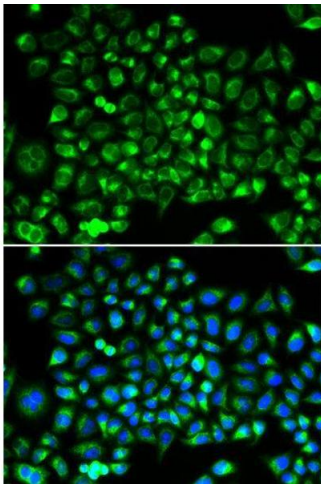
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Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage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



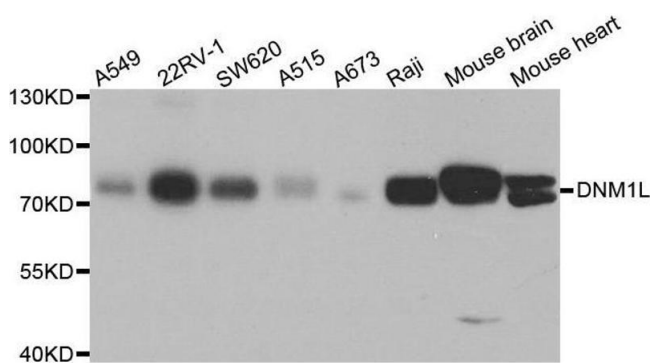
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded rat heart using DRP1 Rabbit pAb (ABIN3023669, ABIN3023670, ABIN3023671, ABIN1679564 and ABIN6219696) at dilution of 1:250 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



### Immunofluorescence

**Image 2.**



### Western Blotting

**Image 3.** Western blot analysis of extracts of various cell lines, using DNM1L antibody.

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN3023670.