

Datasheet for ABIN7266857

anti-Dynamin 1-Like antibody (pSer616)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Dynamin 1-Like (DNM1L)
Binding Specificity:	pSer616
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dynamin 1-Like antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-DRP1-S616 Rabbit pAb
Immunogen:	A synthetic phosphorylated peptide around S616 of human DRP1 (NP_036192.2).
Sequence:	PASPQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	Dynamin 1-Like (DNM1L)
---------	------------------------

Target Details

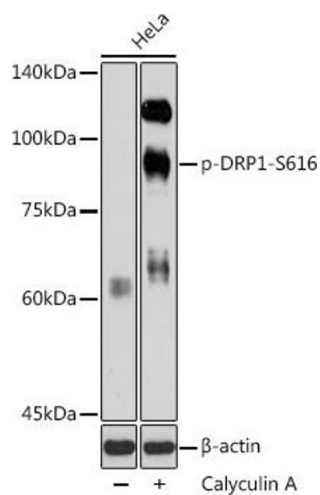
Alternative Name:	DNM1L (DNM1L Products)
Background:	<p>This gene encodes a member of the dynamin superfamily of GTPases. The encoded protein mediates mitochondrial and peroxisomal division, and is involved in developmentally regulated apoptosis and programmed necrosis. Dysfunction of this gene is implicated 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</p> <p>isoforms.,DNM1L,DLP1,DRP1,DVLP,DYMPLE,EMPF,EMPF1,HDYNIV,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Neuroscience,Neurodegenerative Diseases,Dopamine Signaling in Parkinson's Disease,Protein phosphorylation,DNM1L</p>
Molecular Weight:	60kDa/78kDa/79kDa/80kDa/81kDa/82kDa/83kDa
Gene ID:	10059
UniProt:	O00429

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
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.



Western Blotting

Image 1. Western blot analysis of extracts of HeLa cells, using Phospho-DRP1-S616 antibody at 1:1000 dilution. HeLa cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.