

DRP1 (Phospho-Ser616) Antibody

Catalog No: #12749

Package Size: #12749 100ul

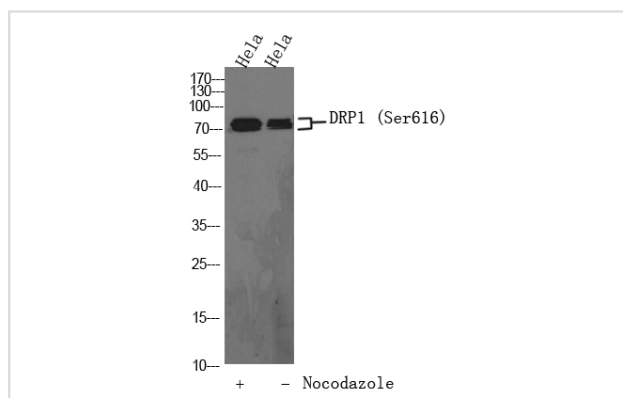
Description

Product Name	DRP1 (Phospho-Ser616) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	DRP1 (Phospho-Ser616) Antibody detects endogenous levels of DRP1 only when phosphorylated at Ser616
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human DRP1 (Phospho-Ser616)
Conjugates	Unconjugated
Target Name	DRP1
Modification	Phospho
Other Names	DNM1L, DYMPLE, Dynamin 1-like, Dynamin-like protein, Dynamin-like protein 4, Dynamin-like protein IV, DLP1, Dnm1p/Vps1p-like protein, DVLP, Dynamin-related protein 1, DYNIV-11, DRP1, Dynamin-1-like protein, VPS1, EMPF, HDYNIV
Accession No.	Swiss-Prot#: O00429NCBI Gene ID: 10059
Target Species	human
Calculated MW	79kd
Concentration	1.0mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C

Application Details

Western blotting: 1:1000

Images



Western Blot analysis of hela cells, hela cell treated or untreated by Nocodazole at 100 ng/ml 17h. Primary Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS23920) was diluted at 1:10000

Published Papers

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Tan, Jie Zhang,et al..PMID:35847595, , (2022)

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[PMID:39474068](#)

Wang Fei;Xu Weilong;Liu Xiaoge;Zhang Jun el at., Dexmedetomidine ameliorates high glucose-induced epithelial-mesenchymal transformation in HK-2 cells through the Cdk5/Drp1/ROS pathway, , (2023)

[PMID:](#)

Miaomiao Lin;Huanchen Wu;Xiaorui Wan;Na Liu;Yiyue Jiang;Yichao Sheng;Jing Wang;Haidong Xu;Jie Xue;Zhenghong Qin;Yan Wang el at.,

Mito-Apocynin Protects Against Kainic Acid-Induced Excitotoxicity by Ameliorating Mitochondrial Impairment., , (2025)

[PMID:40095344](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.