DRP1 Polyclonal Antibody

Catalog No: #40853

Package Size: #40853-1 50ul #40853-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	DRP1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC ELISA IF
Species Reactivity	Human;Mouse;Rat
Specificity	DRP1 Polyclonal Antibody detects endogenous levels of DRP1 protein.
Immunogen Description	Synthesized peptide derived from human DRP1 around the non-phosphorylation site of S637.
Conjugates	Unconjugated
Target Name	DRP1
Other Names	DNM1L; DLP1; DRP1; Dynamin-1-like protein; Dnm1p/Vps1p-like protein; DVLP; Dynamin family member proline-rich carboxyl-terminal domain less; Dymple; Dynamin-like protein; Dynamin-like protein 4; Dynamin-like protein IV; HdynIV; Dynamin-rela
Accession No.	Swiss-Prot: O00429NCBI Gene ID: 10059
SDS-PAGE MW	80kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

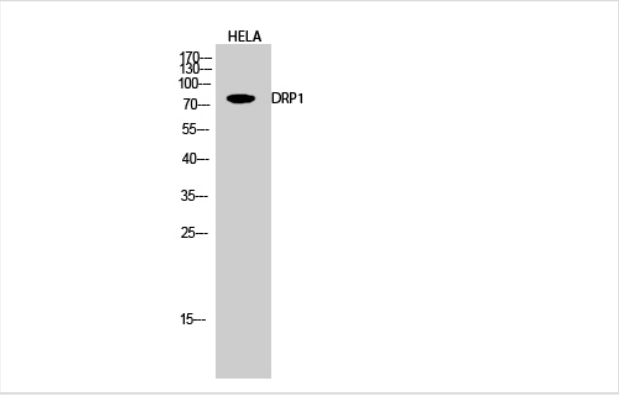
Western Blot: 1/500 - 1/2000.

Immunohistochemistry: 1/100 - 1/300.

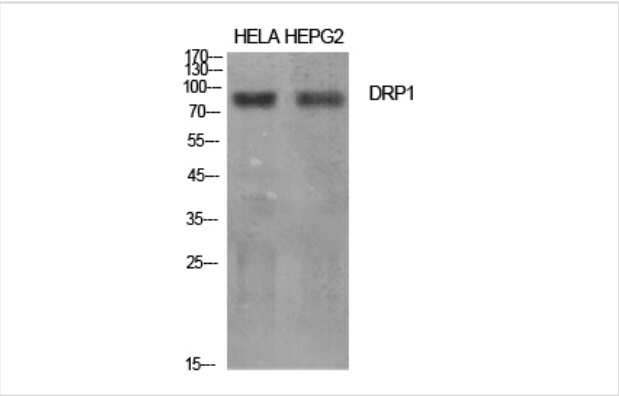
ELISA: 1/10000.

Not yet tested in other applications.

Images



Western Blot analysis of HELA cells using DRP1 Polyclonal Antibody



Western Blot analysis of HELA HepG2 cells using DRP1 Polyclonal Antibody

Published Papers

el at., mTOR inhibition attenuates glucose deprivation-induced death in photoreceptors via suppressing a mitochondria-dependent apoptotic pathway. In Neurochem Int on 2016 Oct by Bin Fan, Fu-Qaing Li,et al..PMID:27401903, , (2016)

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el at., Ketone Body Improves Neurological Outcomes after Cardiac Arrest by Inhibiting Mitochondrial Fission in Rats. In Oxid Med Cell Longev on 2022 Jul 7 by Yunke

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

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Yang Yang;Ming Zhao;XiaoJiang Yu;LongZhu Liu;Xi He;Juan Deng;WeiJin Zang el at., Pyridostigmine regulates glucose metabolism and mitochondrial homeostasis to reduce myocardial vulnerability to injury in diabetic mice, , (2019)

PMID:31211620

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