DRP1 (Phospho-Ser637) Conjugated Antibody

Catalog No: #C11842

Package Size: #C11842-AF350 100ul #C11842-AF405 100ul #C11842-AF488 100ul #C11842-AF555 100ul #C11842-AF594 100ul #C11842-AF647 100ul #C11842-AF680 100ul #C11842-AF750 100ul #C11842-Biotin 100ul #C11842-Conjugated 50ul

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

Description

Product Name	DRP1 (Phospho-Ser637) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB,IHC,IF,ELISA
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of DRP1 only when phosphorylated at serine 637.
Immunogen Description	Peptide sequence around phosphorylation site of Serine637(K-L-S(p)-A-R) derived from Human DRP1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DLP1;DNM1L;DRP1;DVLP;Dymple
Accession No.	Swiss-Prot#:O00429NCBI Gene ID:10059NCBI mRNA#:NM_012062.4. NCBI Protein#:NP_036192.2.
Calculated MW	82
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF:1:50-1:200

Product Description

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 chromatogramphy using non-phosphopeptide.

Background

Functions in mitochondrial and peroxisomal division. Mediates membrane fission through oligomerization into membrane-associated tubular structures that wrap around the scission site to constrict and sever the mitochondrial membrane through a GTP hydrolysis-dependent mechanism. Through its function in mitochondrial division, ensures the survival of at least some types of postmitotic neurons, including Purkinje cells, by suppressing oxidative damage. Required for normal brain development, including that of cerebellum. Facilitates developmentally regulated apoptosis during neural tube formation.

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