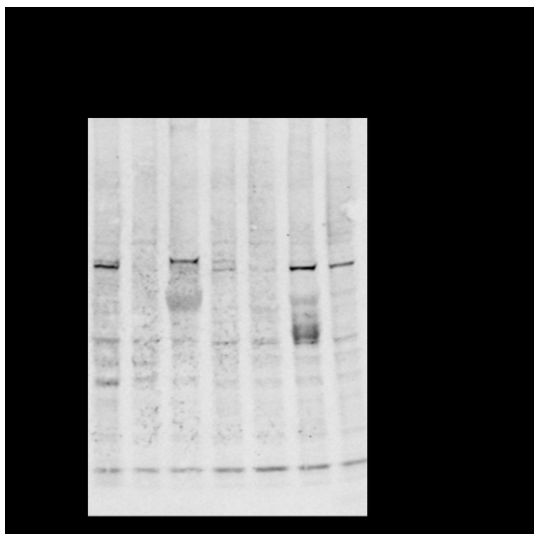
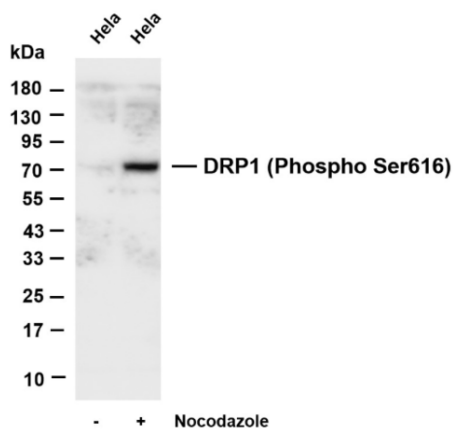


Product name:	DRP1 (Phospho Ser616) Rabbit Monoclonal Antibody
Cat number:	MABN36671
Conjugate:	Unconjugated
Size:	100 ul
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG,Kappa
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:2000-1:10000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200
Molecular Weight:	Observed MW:82kDa
Purification:	Protein A
Form:	Liquid
Buffer:	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Storage:	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Background:	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. [provided by RefSeq, Jun 2013]



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C, over night with a 1:5000 dilution. Lane1: Jurkat - Human acute T cell leukemia cells Lane2: MCF7 - Human breast cancer Lane3: SH-SY5Y - Human neuroblastoma cells Lane4: NIH-3T3 - NIH mouse fibroblasts Lane5: RAW264.7 - Mouse mononuclear macrophage leukemia cells Lane6: C6 - Rat glioma cells Lane7: PC-12 - Pheochromocytoma in rats Predicted band size: 82kDa Observed band size: 82kDa



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-DRP1 (Phospho Ser616) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: HeLa was treated with Nocodazole(50 ng/mL) for 20 hours