

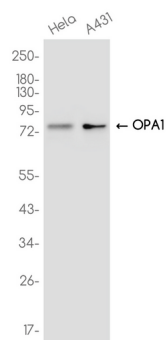


Product name:	OPA1 Rabbit Monoclonal Antibody
Cat number:	MABN03939
Conjugate:	Unconjugated
Size:	100 ug
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human OPA1
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight:	Observed MW: 80 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% protective protein
Storage:	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Synonyms:	Large GTP binding protein; largeG; MGM1; Mitochondrial dynamin like GTPase; NPG; NTG; OAK; OPA 1
Source:	Rabbit
Background:	Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

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Western blot analysis of OPA1 in HeLa,
A431 lysates using OPA1 antibody.

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