

Product Name: OPA1 Rabbit Monoclonal Antibody
Catalog #: AMRe86943



Summary

Production Name	OPA1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	OPA1
Alternative Names	NPG; NTG; MGM1; BERHS; largeG; MTDPS14
Gene ID	4976
SwissProt ID	O60313.

Application

Dilution Ratio	WB: 1:1000-1:5000 IHC-P: 1:200-1:500
Molecular Weight	Calculated MW:112 kDa; Observed MW:80 kDa

Background

The protein encoded by this gene is a nuclear-encoded mitochondrial protein with similarity to dynamin-related GTPases.

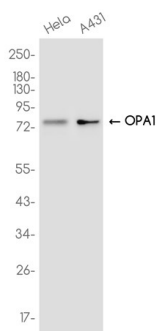
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The encoded protein localizes to the inner mitochondrial membrane and helps regulate mitochondrial stability and energy output. This protein also sequesters cytochrome c. Mutations in this gene have been associated with optic atrophy type 1, which is a dominantly inherited optic neuropathy resulting in progressive loss of visual acuity, leading in many cases to legal blindness. [provided by RefSeq, Aug 2017]

Research Area

Image Data



Western blot analysis of extracts from HeLa, A431 cells using AMRe86943 at 1:1000.

Note

For research use only.