

Recombinant OPA1 Monoclonal Antibody

catalog number: AN301265L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

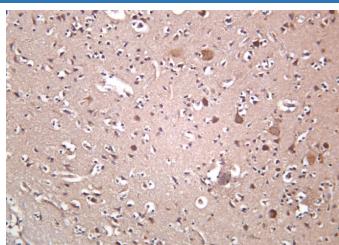
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human OPA1 protein
Host	Rabbit
Isotype	IgG,κ
Clone	B1028
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

IHC	1:1000-1:4000
WB	1:10000-1:50000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Data



Immunohistochemistry of paraffin-embedded rat brain using Recombinant OPA1 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

This gene product is a nuclear-encoded mitochondrial protein with similarity to dynamin-related GTPases. It is a component of the mitochondrial network. 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. Multiple transcript variants encoding different isoforms have been found for this gene.

For Research Use Only

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