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OPA3 Rabbit pAb

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Catalog # AP57867

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9H6K4
Reactivity	Mouse
Predicted	Dog, Human, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19996
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human OPA3
Epitope Specificity	1-100/179
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SUBCELLULAR LOCATION	Mitochondrial.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The mouse ortholog of this protein co-purifies with the mitochondrial inner membrane. Mutations in this gene have been shown to result in 3-methylglutaconic aciduria type III and autosomal dominant optic atrophy and cataract. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]

Additional Information

Gene ID	80207
Other Names	Optic atrophy 3 protein, OPA3
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

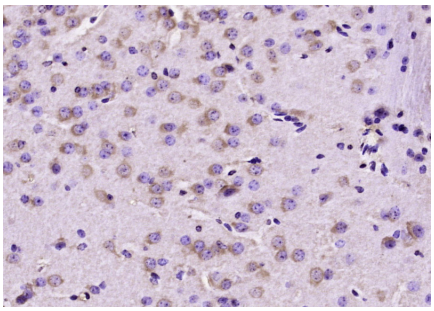
Name	OPA3
Function	May play some role in mitochondrial processes.

Cellular Location	Mitochondrion.
Tissue Location	Ubiquitous. Most prominent expression in skeletal muscle and kidney.

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (OPA3) Polyclonal Antibody, Unconjugated (AP57867) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.