

Opa1 Antibody | anti-OPA1 antibody

Anti-Opa1, Affinity Purified Antibody, Rabbit

CATALOG # AAA76472	REACTIVITY Chicken, Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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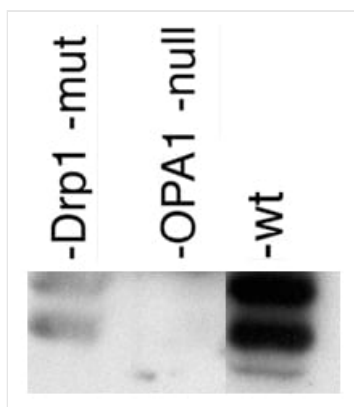
PRODUCT SYNONYMS

Opa1; Anti-Opa1; Affinity Purified Antibody; Rabbit; anti-OPA1 antibody

PRODUCT SPECIFICATIONS

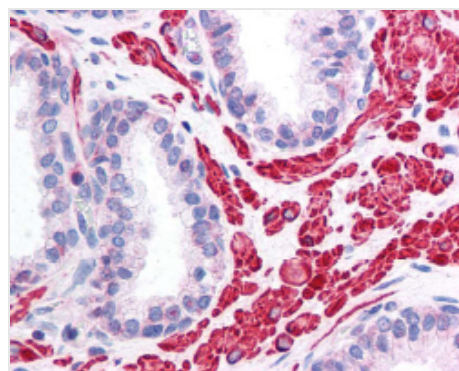
Reactivity	Chicken, Human, Mouse, Rat
Form/Format	Affinity Purified - Liquid
Sequence Length	276
Applicable Applications for anti-OPA1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Type Info	Rabbit IgG
Immunogen	A synthetic peptide made to an internal region within residues 500-600 of the human protein.

IMAGES



Application Data

Image: Detection of Opa-1 protein in post-nuclear extracts of mouse embryonic fibroblasts.



Application Data

Image: OPA1 staining of prostatic smooth muscle and glandular epithelium. 40X Magnification

ADDITIONAL INFORMATION

Related Product Information for anti-OPA1 antibody	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. Eight transcript variants encoding different isoforms, resulting from alternative splicing of exon 4 and two novel exons named 4b and 5b, have been reported for this gene.
Product Categories/Family for anti-OPA1 antibody	Antibodies ; Vision and Retina ; OPA1

NCBI AND UNIPROT INFORMATION

NCBI GI #	34783689
NCBI GeneID	4976
Molecular Weight	115,884 Da
NCBI Official Full Name	OPA1 protein
NCBI Official Synonym Full Names	OPA1, mitochondrial dynamin like GTPase
NCBI Official Symbol	OPA1
NCBI Official Synonym Symbols	NPG; NTG; MGM1; BERHS; largeG; MTDPS14
NCBI Protein Information	dynamin-like 120 kDa protein, mitochondrial
UniProt Protein Name	Dynamin-like 120 kDa protein, mitochondrial
UniProt Gene Name	OPA1
UniProt Synonym Gene Names	KIAA0567
UniProt Entry Name	OPA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/chicken-human-mouse-rat-antibody/opa1/76472>