

OPA1 blocking peptide

OPA1

CATALOG #
AAA76658

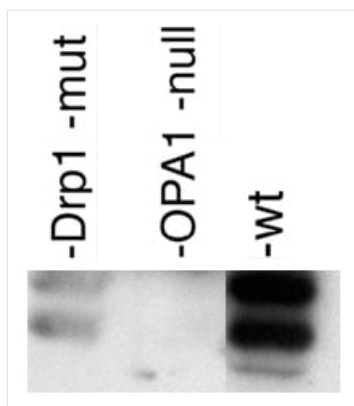
PRODUCT SYNONYMS

OPA1; OPA1 blocking peptide

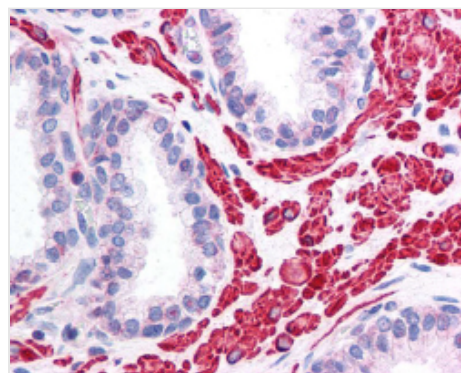
PRODUCT SPECIFICATIONS

Form/Format	50ul liquid. Dissolved in DH20.
Concentration	1mg/ml (varies by lot)
Peptide Sequence	A synthetic peptide made to an internal region within residues 500-600 of the human protein.
Preparation and Storage	Store at -20 degree C for short term and -80 degree C for long term. Avoid freeze-thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for OPA1 blocking peptide

OPA1 Blocking Peptide; specific to RA25019.
Control Antigen for use in absorption control.

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224831243
NCBI GeneID	4976
NCBI Accession #	NP_056375.2

NCBI GenBank Nucleotide #	NM_015560.2
UniProt Accession #	O60313 ; D3DNW4
Molecular Weight	115,884 Da
NCBI Official Full Name	dynamin-like 120 kDa protein, mitochondrial isoform 1
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/blocking-peptide/opa1/76658>