

Rabbit anti-Human OPA3 Polyclonal Antibody | anti-OPA3 antibody

OPA3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323259	Rabbit	Human	Immunohistochemistry, Western Blot

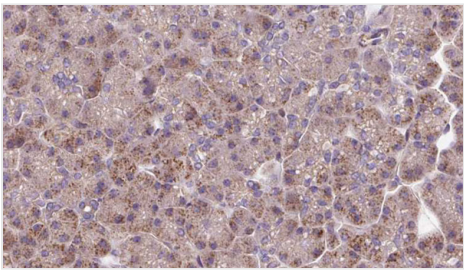
PRODUCT SYNONYMS

OPA3; Polyclonal Antibody; OPA3 Antibody; FLJ22187; FLJ25932; Iraqi Jewish optic atrophy plus (3 methylglutaconicaciduria type 3); MGA3; MGC75494; OPA 3; OPA3 protein; Optic atrophy 3 (autosomal recessive; with chorea and spastic paraplegia); Optic atrophy 3 (Iraqi Jewish 'optic atrophy plus'); Optic atrophy 3; Optic atrophy 3 protein; anti-OPA3 antibody

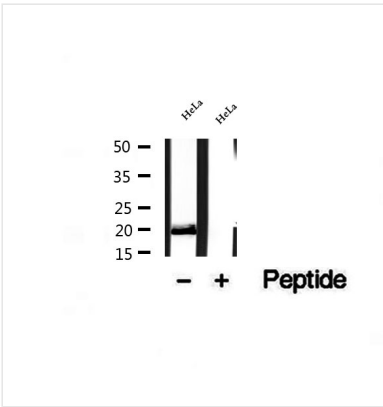
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	OPA3 antibody detects endogenous levels of OPA3.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	180
Applicable Applications for anti-OPA3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human OPA3.
Subcellular Location	Mitochondrial
Tissue Specificity	Ubiquitous. Most prominent expression in skeletal muscle and kidney.
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit
Similarity	Pig (83%), Bovine (92%), Horse (91%), Rabbit (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA323259 at 1/100 staining Human pancreas cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of HeLa cells, using OPA3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-OPA3 antibody	Function: May play some role in mitochondrial processes. Similarity: Belongs to the OPA3 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156151427
NCBI GeneID	80207
NCBI Accession #	NP_001017989.2
NCBI GenBank Nucleotide #	NM_001017989.2
UniProt Accession #	Q9H6K4; Q6P384; Q8N784
Molecular Weight	Observed: 20 kDa Predicted: 20 kDa
NCBI Official Full Name	optic atrophy 3 protein isoform a
NCBI Official Synonym Full Names	OPA3, outer mitochondrial membrane lipid metabolism regulator
NCBI Official Symbol	OPA3
NCBI Official Synonym Symbols	MGA3
NCBI Protein Information	optic atrophy 3 protein
UniProt Protein Name	Optic atrophy 3 protein
UniProt Gene Name	OPA3

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/opa3-antibody-immunohistochemistry-western-blot-elisa/323259>