

Rabbit anti-Human OPA1 Polyclonal Antibody | anti-OPA1 antibody

OPA1 Antibody

CATALOG # AAA243427	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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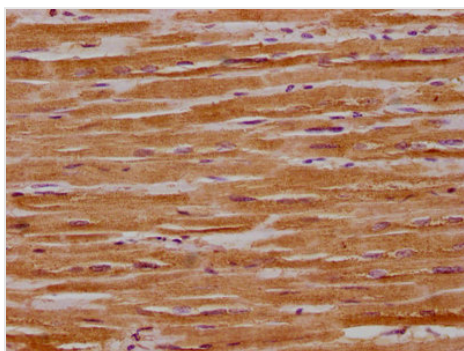
PRODUCT SYNONYMS

OPA1; Polyclonal Antibody; OPA1 Antibody; Dynamin-like 120 kDa protein; mitochondrial (EC 3.6.5.5) (Optic atrophy protein 1) [Cleaved into: Dynamin-like 120 kDa protein; form S1]; KIAA0567; anti-OPA1 antibody

PRODUCT SPECIFICATIONS

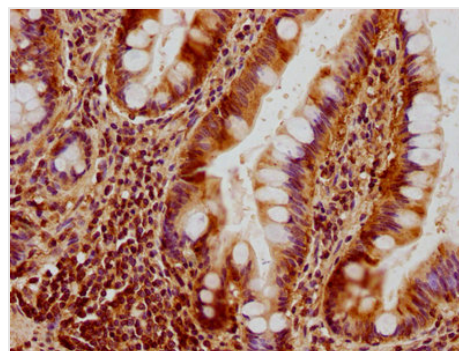
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G Purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Applicable Applications for anti-OPA1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Dynamin-like 120 kDa protein, mitochondrial protein (183-418AA)
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA243427 diluted at 1:300 and staining in paraffin-embedded human heart tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA243427 diluted at 1:300 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Product Categories/Family for anti-OPA1 antibody	Neuroscience
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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	dynamamin-like 120 kDa protein, mitochondrial isoform 1
NCBI Official Synonym Full Names	OPA1, mitochondrial dynamamin like GTPase
NCBI Official Symbol	OPA1
NCBI Official Synonym Symbols	NPG; NTG; MGM1; BERHS; largeG; MTDPS14
NCBI Protein Information	dynamamin-like 120 kDa protein, mitochondrial
UniProt Protein Name	Dynamamin-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/polyclonal/opa1-antibody-immunohistochemistry-elisa/243427>