

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

Anti-OPA3 Antibody, Rabbit Polyclonal

CATALOG # AAA256845	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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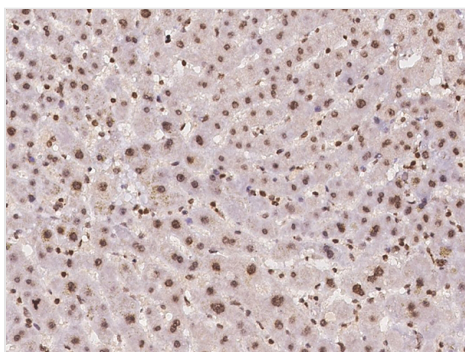
PRODUCT SYNONYMS

OPA3; Polyclonal Antibody; Anti-OPA3 Antibody; Rabbit Polyclonal; OPA3 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-MGA3 Antibody; anti-OPA3 antibody

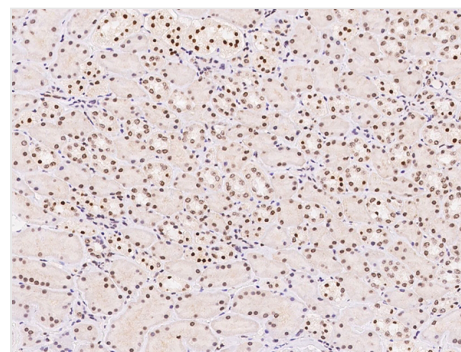
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human OPA3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-OPA3 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human OPA3 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human OPA3 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human OPA3 in human liver with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human OPA3 in human kidney with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-OPA3 antibody	The OPA3 protein is enriched in the inner mitochondrial membrane and has mitochondrial targeting signals. Costeff Syndrome, which is caused by mutations in the OPTIC ATROPHY 3 (OPA3) gene, is an early-onset syndrome characterized by urinary excretion of 3-methylglutaconic acid (MGC), optic atrophy and movement disorders, including ataxia and extrapyramidal dysfunction. At least four mutations in the OPA3 gene have been found to cause autosomal dominant optic atrophy and cataract.
References	Pei W, et al. (2010) A model of costeff syndrome reveals metabolic and protective functions of mitochondrial opa3. Development 137 (15): 2587-2596.

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/opa3-antibody-immunohistochemistry-elisa/256845>