

Rabbit OPA3 Polyclonal Antibody | anti-OPA3 antibody

OPA3 Polyclonal Antibody

CATALOG # AAA280503	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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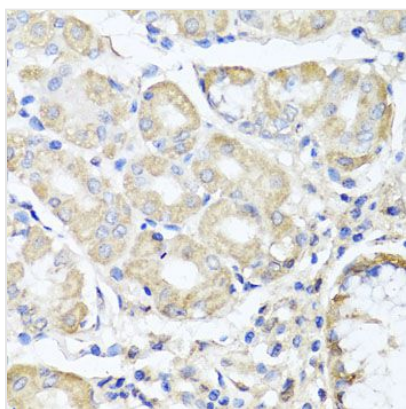
PRODUCT SYNONYMS

OPA3; Polyclonal Antibody; OPA3 Polyclonal Antibody; anti-OPA3 antibody

PRODUCT SPECIFICATIONS

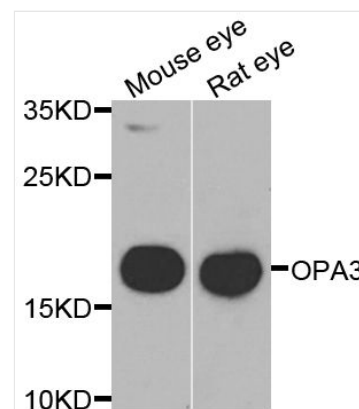
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	180
Applicable Applications for anti-OPA3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human OPA3
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using OPA3 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using OPA3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-OPA3 antibody	The mouse ortholog of this protein co-purifies with the mitochondrial inner membrane. Mutations in this gene have been shown to result in 3-methylglutaconic aciduria type III and autosomal dominant optic atrophy and cataract. Multiple transcript variants encoding different isoforms have been found for this gene.
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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	20kDa
NCBI Official Full Name	optic atrophy 3 protein isoform a
NCBI Official Synonym Full Names	optic atrophy 3 (autosomal recessive, with chorea and spastic paraplegia)
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
UniProt Entry Name	OPA3_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/opa3-antibody-immunohistochemistry-western-blot-elisa/280503>