

Rabbit Optic Atrophy 3 Polyclonal Antibody | anti-OPA3 antibody

Polyclonal Antibody to Optic Atrophy 3 (OPA3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145786	Rabbit	Human, Mouse, Rat, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Optic Atrophy 3; Polyclonal Antibody; Polyclonal Antibody to Optic Atrophy 3 (OPA3); MGA3; Recessive; With Chorea And Spastic Paraplegia; 3-Methylglutaconic Aciduria Type 3; anti-OPA3 antibody

PRODUCT SPECIFICATIONS

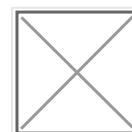
Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against OPA3. It has been selected for its ability to recognize OPA3 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	180
Applicable Applications for anti-OPA3 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	OPA3 (Leu23~Lys179)
Conjugate	No Conjugate
Cross Reactivity	Human, Pig
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant OPA3 (Leu23~Lys179) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescet (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemisry)

DAB staining on formalin fixed paraffin- embedded kidney tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

Western Blot: Sample: Human Jurkat cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human OPA3
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

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	20,255 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/optic-atrophy-3-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145786>