

Rabbit OPA1 Polyclonal Antibody | anti-OPA1 antibody

OPA1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200732	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

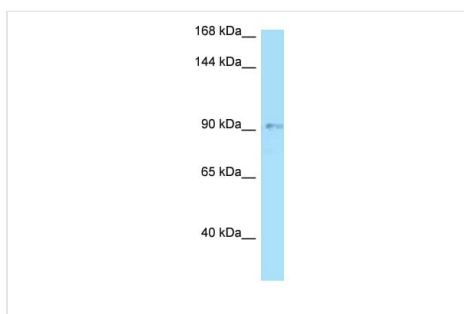
PRODUCT SYNONYMS

OPA1; Polyclonal Antibody; OPA1 antibody - N-terminal region; anti-OPA1 antibody

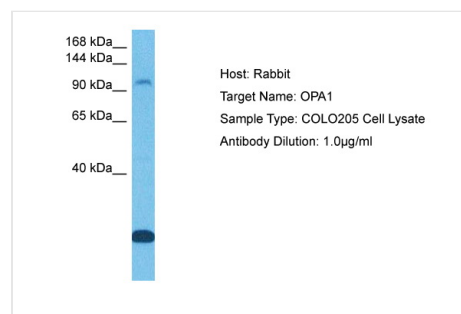
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SP EETAFRATDR GSESDKHFRK VSDKEKIDQL QEELLHTQLK YQRILERL
Sequence Length	924
Applicable Applications for anti-OPA1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-OPA1 Antibody Titration: 1.0 ug/ml Positive Control: HT1080 Whole Cell


WB (Western Blot)

Host: Rabbit Target Name: OPA1 Sample Tissue: Human COLO205 Whole Cell Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-OPA1 antibody	This is a rabbit polyclonal antibody against OPA1. It was validated on Western Blot Target Description: This gene product is a nuclear-encoded mitochondrial protein with similarity to dynamin-related GTPases. It is a component of the mitochondrial network. Mutations in this gene have been associated with optic atrophy type 1, which is a dominantly inherited optic neuropathy resulting in progressive loss of visual acuity, leading in many cases to legal blindness. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-OPA1 antibody	Polyclonal; Lymphocyte Signaling; Mitochondria; Meiosis/Mitosis/Cell Cycle

NCBI AND UNIPROT INFORMATION

NCBI GI #	18860831
NCBI GeneID	4976
NCBI Accession #	NP_570844
NCBI GenBank Nucleotide #	NM_130831
UniProt Accession #	E5KLK2; O60313
Molecular Weight	102kDa
NCBI Official Full Name	dynamin-like 120 kDa protein, mitochondrial isoform 2
NCBI Official Synonym Full Names	OPA1 mitochondrial dynamin like GTPase
NCBI Official Symbol	OPA1
NCBI Official Synonym Symbols	NPG; NTG; MGM1; BERHS; largeG; MTDPS14
NCBI Protein Information	dynamin-like 120 kDa protein, mitochondrial

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://www.aaabiotech.com/polyclonal/opa1-antibody-western-blot-elisa/200732>