

Rabbit OMA1 Polyclonal Antibody | anti-OMA1 antibody

OMA1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23547	Rabbit	HumanPredicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast, Zebrafish	Western Blot

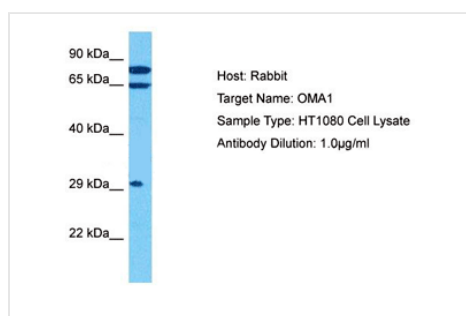
PRODUCT SYNONYMS

OMA1; Polyclonal Antibody; OMA1 antibody - middle region; Metalloendopeptidase OMA1; mitochondrial; anti-OMA1 antibody

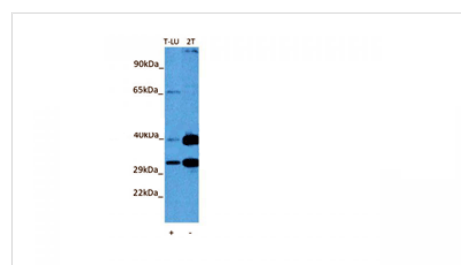
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast, 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 sequence: WA ICPRDSLALL CQWIQSKLQE YMFNRPYSRK LEAEADKIGL LLAAKACA
Sequence Length	524
Applicable Applications for anti-OMA1 antibody	WB (Western Blot)
Homology	Cow: 85%; Dog: 86%; Guinea Pig: 79%; Horse: 86%; Human: 100%; Mouse: 86%; Pig: 86%; Rabbit: 86%; Rat: 86%; Yeast: 83%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human OMA1
Protein Size	524 amino acids
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES

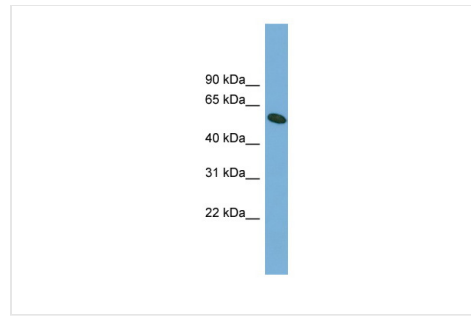
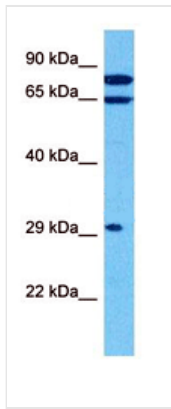


WB (Western Blot)



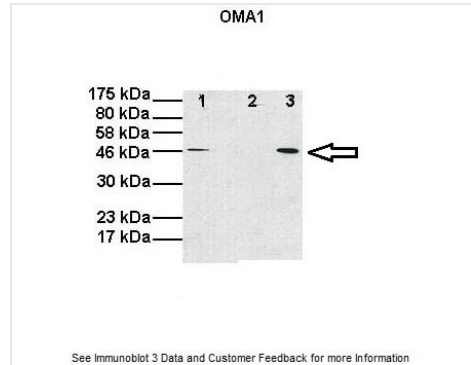
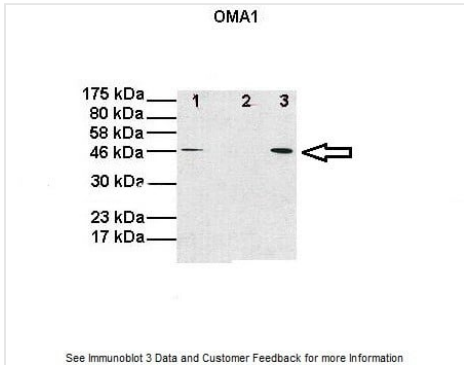
WB (Western Blot)

Host: RabbitTarget name: OMA1Positive control: ~25ug Human Lung Tumor (T-LU)Negative control: ~25ug 293T Cell Lysate (2T)Antibody concentration: 5ug/ml



WB (Western Blot)
WB Suggested Anti-OMA1 Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate

WB (Western Blot)
Host: Rabbit Target Name: OMA1 Sample Type: HT1080 Cell Lysate Antibody Dilution: 1.0ug/ml



WB (Western Blot)
Researcher: Oleh Khalimonchuk, University of Nebraska-Lincoln Application: Western blot Species + Tissue/Cell type: Lane1: 10ug human fibroblast mitochondria, Lane2: 15ug fish embryo lysate; 6h post fertilization, Lane3: 30ug fish embryo lysate, 6 days Primary antibody dilution: 1:1000 Secondary antibody: Anti-rabbit HRP Secondary antibody dilution: 1:5000

WB (Western Blot)
Lanes: Lane1: 10ug human fibroblast mitochondria Lane2: 15ug fish embryo lysate; 6h post fertilization Lane3: 30ug fish embryo lysate, 6 days Primary Antibody Dilution: 1:1000 Secondary Antibody: Anti-Rabbit HRP Secondary Antibody Dilution: 1:5000 Gene Name: OMA1 Submitted by: Oleh Khalimonchuk, University of Nebraska-Lincoln

ADDITIONAL INFORMATION

Related Product Information for anti-OMA1 antibody	This is a rabbit polyclonal antibody against OMA1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: OMA1 is a mitochondrial protease.
Product Categories/Family for anti-OMA1 antibody	Polyclonal; Cell Biology; Mitochondria; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	21686999
NCBI GeneID	115209
NCBI Accession #	NP_660286
NCBI GenBank Nucleotide #	NM_145243
UniProt Accession #	Q96E52
Molecular Weight	60
NCBI Official Full Name	metalloendopeptidase OMA1, mitochondrial
NCBI Official Synonym Full Names	OMA1 zinc metallopeptidase
NCBI Official Symbol	OMA1

NCBI Official Synonym Symbols	DAB1; MPRP1; MPRP-1; YKR087C; ZMPOMA1; peptidase; 2010001O09Rik
NCBI Protein Information	metalloendopeptidase OMA1, mitochondrial
UniProt Protein Name	Metalloendopeptidase OMA1, mitochondrial
UniProt Gene Name	OMA1
UniProt Synonym Gene Names	MPRP1; MPRP-1
UniProt Entry Name	OMA1_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/oma1-antibody-western-blot-elisa/23547>