

Rabbit OMI Polyclonal Antibody | anti-OMI antibody

Rabbit anti-OMI Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223015	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

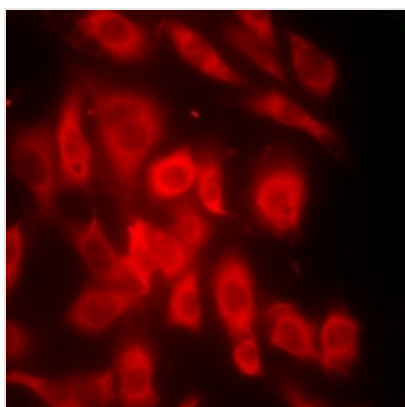
PRODUCT SYNONYMS

OMI; Polyclonal Antibody; Rabbit anti-OMI Antibody; PRSS25; Serine protease HTRA2; mitochondrial; High temperature requirement protein A2; HtrA2; Omi stress-regulated endoprotease; Serine protease 25; Serine proteinase OMI; anti-OMI antibody

PRODUCT SPECIFICATIONS

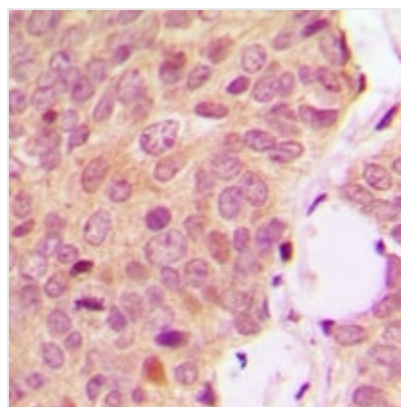
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-OMI antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human OMI
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



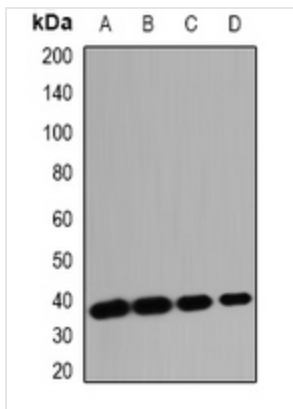
IF (Immunofluorescence)

Immunofluorescent analysis of OMI staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of OMI staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of OMI expression in HT29 (A), MCF7 (B), mouse heart (C), mouse kidney (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-OMI antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7019477
NCBI GeneID	27429
NCBI Accession #	NP_037379.1
NCBI GenBank Nucleotide #	NM_013247.4
UniProt Accession #	O43464; Q9JIY5
Molecular Weight	48,841 Da
NCBI Official Full Name	serine protease HTRA2, mitochondrial isoform 1 preproprotein
NCBI Official Synonym Full Names	HtrA serine peptidase 2
NCBI Official Symbol	HTRA2
NCBI Official Synonym Symbols	OMI; PARK13; PRSS25
NCBI Protein Information	serine protease HTRA2, mitochondrial; serine protease 25; protease, serine, 25; serine proteinase OMI; HtrA-like serine protease; Omi stress-regulated endoprotease; high temperature requirement protein A2
UniProt Protein Name	Serine protease HTRA2, mitochondrial
UniProt Gene Name	HTRA2
UniProt Synonym Gene Names	OMI; PRSS25; HtrA2
UniProt Entry Name	HTRA2_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://www.aaabiotech.com/polyclonal/omi-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/223015>