

Rabbit anti-Human OMI Polyclonal Antibody | anti-OMI antibody

OMI Antibody

CATALOG # AAA303400	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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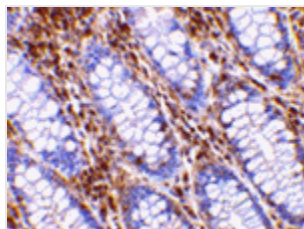
PRODUCT SYNONYMS

OMI; Polyclonal Antibody; OMI Antibody; Htr2A; anti-OMI antibody

PRODUCT SPECIFICATIONS

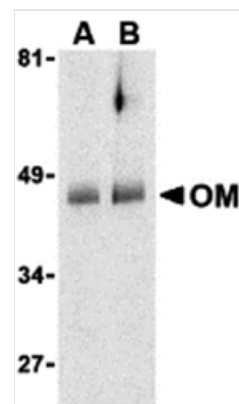
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Ion exchange chromatography purified
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	458
Applicable Applications for anti-OMI antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to 15 amino acids near the C-terminus of human OMI.
Target Name	OMI
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of OMI in human colon tissue with OMI antibody at 10 ug/mL.



WB (Western Blot)

Western blot analysis of OMI in human colon cell lysates with OMI antibody at (A) 0.5 and (B) 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-OMI antibody	Inhibitor of apoptosis proteins (IAPs) were initially identified in baculoviruses as proteins that inhibit apoptosis of the host cells to allow time for viral replication. Cellular homologues containing at least one baculoviral IAP repeat (BIR) motif essential for their anti-apoptosis activity have been identified in yeasts and higher organisms and often act by binding and inhibiting processed caspases. The activity of these proteins can be modulated by the expression of proteins such as Smac/DIABLO and XAF-1 which displace or prevent the binding of caspases by IAPs. Recently, a mitochondrial serine protease termed Omi/HtrA2 has been found to bind IAPs. Similar to Smac, Omi possesses a conserved IAP-binding motif, but acts to cleave IAPs to irreversibly inactivate IAPs and promote apoptosis.
Product Categories/Family for anti-OMI antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5870865
NCBI GeneID	27429
Molecular Weight	39,914 Da
NCBI Official Full Name	serine protease
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
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://stage.aaabiotech.com/polyclonal/omi-antibody-immunohistochemistry-western-blot-elisa/303400>