

Rabbit anti-Human Serine protease HTRA2 Polyclonal Antibody | anti-HTRA2 antibody

Rabbit anti-human Serine protease HTRA2, mitochondrial polyclonal Antibody(HTRA2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119091	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

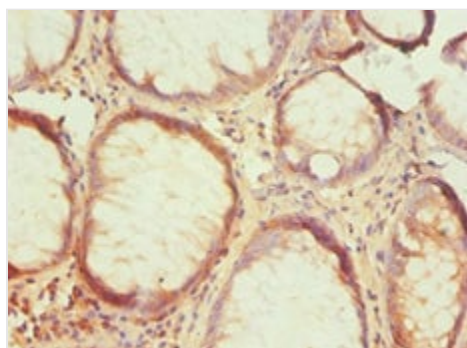
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

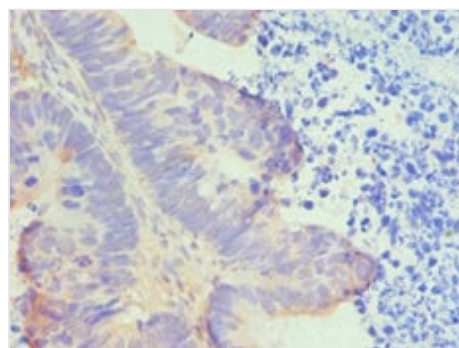
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	458
Applicable Applications for anti-HTRA2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Serine protease HTRA2, mitochondrial protein(334-458aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-15467 / sc-31814 / sc-31816 / sc-25606
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



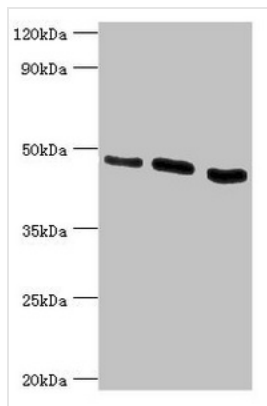
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colorectal carcinoma using AAA119091 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human ovarian cancer using AAA119091 at dilution 1:100



WB (Western Blot)

All lanes: Serine protease HTRA2, mitochondrial antibody at 0.9ug/mL
 Lane 1: HeLa whole cell lysate
 Lane 2: U937 whole cell lysate
 Lane 3: 293T whole cell lysate
 Secondary: Goat polyclonal to rabbit at 1/10000 dilution
 Predicted band size: 49,39,47,40 kDa
 Observed band size: 49 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HTRA2 antibody	Serine protease that shows proteolytic activity against a non-specific substrate beta-casein. Promotes or induces cell death either by direct binding to and inhibition of BIRC proteins (also called inhibitor of apoptosis proteins, IAPs), leading to an increase in caspase activity, or by a BIRC inhibition-independent, caspase-independent and serine protease activity-dependent mechanism. Cleaves THAP5 and promotes its degradation during apoptosis. Isoform 2 seems to be proteolytically inactive.
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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; Q9HBZ4; Q9P0Y3; Q9P0Y4
Molecular Weight	39,914 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
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.