

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

HTRA2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232534	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	436
Applicable Applications for anti-HTRA2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Serine protease HTRA2, mitochondrial protein (334-458AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-15467 / sc-25606 / sc-31814 / sc-31816
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



IP (Immunoprecipitation)

Immunoprecipitating GARS in MCF-7 whole cell lysate Lane 1: Rabbit monoclonal IgG (1ug) instead of AAA232534 in MCF-7 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: AAA232534 (8ug)+ MCF-7 whole cell lysate (500ug) Lane 3: MCF-7 whole cell lysate (20ug)



IHC (Immunohistochemistry)

IHC image of AAA232534 diluted at 1:200 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



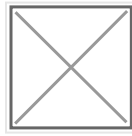
IHC (Immunohistochemisry)

IHC image of AAA232534 diluted at 1:200 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate,MCF-7 whole cell lysateAll lanes: HTRA2 antibody at 2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 49,39,47,40 KDaObserved band size: 49 KDa



WB (Western Blot)

Western BlotPositive WB detected in: HEK293 whole cell lysate,Jurkat whole cell lysate,MCF-7 whole cell lysate,Raji whole cell lysateAll lanes: HTRA2 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 49,39,47,40 KDaObserved 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1012282649
NCBI GeneID	27429
NCBI Accession #	NP_001308656.1
NCBI GenBank Nucleotide #	NM_001321727.1
UniProt Accession #	O43464 ; Q9HBZ4 ; Q9P0Y3 ; Q9P0Y4
Molecular Weight	39,914 Da
NCBI Official Full Name	serine protease HTRA2, mitochondrial isoform 3 preproprotein
NCBI Official Synonym Full Names	HtrA serine peptidase 2
NCBI Official Symbol	HTRA2
NCBI Official Synonym Symbols	OMI; MGCA8; 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.

