

Mouse anti-Human HTRA2 Monoclonal Antibody | anti-HTRA2 antibody

Anti-HTRA2 Antibody

CATALOG # AAA290869	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
-------------------------------	----------------------	----------------------------	--

PRODUCT SYNONYMS

HTRA2; Monoclonal Antibody; Anti-HTRA2 Antibody; High temperature requirement protein A2; HTRA 2; HtrA like serine protease; HtrA serine peptidase 2; HtrA; E. coli; homolog of; 2; HtrA2; HTRA2_HUMAN; mitochondrial; Omi stress regulated endoprotease; Omi stress-regulated endoprotease; PARK 13; PARK13; Protease serin; anti-HTRA2 antibody

PRODUCT SPECIFICATIONS

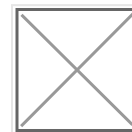
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Form/Format	Purified mouse monoclonal antibody in PBS (pH 7.4) containing with 0.03% Proclin300 and 50% glycerol.
Sequence Length	436
Applicable Applications for anti-HTRA2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Cellular Location	Mitochondrion intermembrane space. Mitochondrion membrane; Single-pass membrane protein. Note=Predominantly present in the intermembrane space. Released into the cytosol following apoptotic stimuli, such as UV treatment, and stimulation of mitochondria with caspase-8 truncated BID/tBID
Tissue Location	Isoform 1 is ubiquitous. Isoform 2 is expressed predominantly in the kidney, colon and thyroid
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of Hela cell lysates using HtrA2/Omi mouse mAb.



WB (Western Blot)

Western blot detection of HtrA2/Omi in 293T cell lysates using HtrA2/Omi mouse mAb (dilution 1:500). Predicted band size: 49kDa. Observed band size: 36kDa.

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	48841 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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/htra2-antibody-immunoprecipitation-western-blot-elisa/290869>