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Anti-HTRA2 / OMI Antibody (aa181-230)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18026

Product Information

Application	IHC-P, E
Primary Accession	O43464
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	48841

Additional Information

Gene ID	27429
Alias Symbol	HTRA2
Other Names	HTRA2, HtrA-like serine protease, OMI, PARK13, Protease, serine, 25, PRSS25, Serine protease 25, HtrA serine peptidase 2, Serine proteinase OMI
Target/Specificity	HtrA2 (Ab-212) Antibody detects endogenous levels of total HtrA2 protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-HTRA2 / OMI Antibody (aa181-230) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HTRA2
Synonyms	OMI, PRSS25
Function	[Isoform 1]: Serine protease that shows proteolytic activity against a non-specific substrate beta-casein (PubMed:10873535). Promotes apoptosis by either relieving the inhibition of BIRC proteins on caspases, leading to an increase in caspase activity; or by a BIRC inhibition-independent, caspase-independent and serine protease activity-dependent mechanism (PubMed:15200957). Cleaves BIRC6 and relieves its inhibition on CASP3, CASP7 and CASP9, but it is also prone to inhibition by BIRC6 (PubMed:36758104, PubMed:36758105). Cleaves THAP5 and promotes its degradation during apoptosis (PubMed:19502560).
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]: Ubiquitously expressed.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.