

# HtrA2 Rabbit mAb

Catalog # AP75587

## Product Information

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Application	WB, IHC-P, IHC-F, IP, ICC
Primary Accession	<a href="#">O43464</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	48841

## Additional Information

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Gene ID	27429
Other Names	HTRA2
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A IP~~N/A ICC~~N/A
Format	Liquid

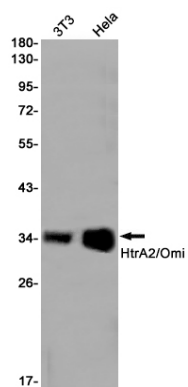
## Protein Information

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Name	HTRA2
Synonyms	OMI, PRSS25
Function	[Isoform 1]: Serine protease that shows proteolytic activity against a non-specific substrate beta-casein (PubMed: <a href="#">10873535</a> ). 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: <a href="#">15200957</a> ). Cleaves BIRC6 and relieves its inhibition on CASP3, CASP7 and CASP9, but it is also prone to inhibition by BIRC6 (PubMed: <a href="#">36758104</a> , PubMed: <a href="#">36758105</a> ). Cleaves THAP5 and promotes its degradation during apoptosis (PubMed: <a href="#">19502560</a> ).
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.

## Images

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