

HtrA2 Rabbit mAb

Catalog # AP77476

Product Information

Application	WB, IHC-P, IP
Primary Accession	O43464
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	48841

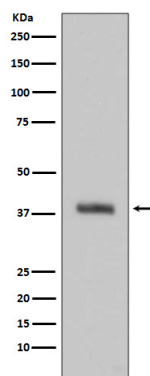
Additional Information

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

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.

Images



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