

HtrA2 Rabbit mAb
Catalog # AP77476**Specification**

HtrA2 Rabbit mAb - Product Information

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

HtrA2 Rabbit mAb - Additional Information**Gene ID** 27429**Other Names**
HTRA2**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A
IP~~N/A**Format**
10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**HtrA2 Rabbit mAb - 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.

HtrA2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HtrA2 Rabbit mAb - Images