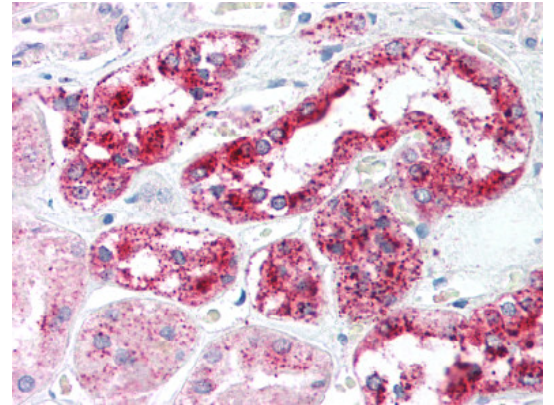


**AP07304PU-N****Polyclonal Antibody to HTRA2 / PRSS25 - Purified**

<b>Alternate names:</b>	High temperature requirement protein A2, OMI, Omi stress-regulated endoprotease, Serine protease 25, Serine proteinase OMI, mitochondrial Serine protease HTRA2
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	1 mg/ml
<b>Background:</b>	The inhibitor of apoptosis (IAP) family of proteins regulates programmed cell death triggered by various stimuli. All IAPs have at least one baculovirus IAP repeat (BIR) motif that is essential for their anti apoptotic activity. Recently, a serine protease has been isolated, which is released from the mitochondria upon induction of apoptosis by apoptotic stimuli. This protein called HtrA2/Omi is a mitochondrial protein that binds to IAP. Like Smac/DAIBLO, the mature HtrA2/Omi protein contains a conserved IAP binding motif (AVPS) at its N terminus. The deregulated expression of HtrA2/Omi in the cytoplasm of mammalian cells induces apoptosis indicating that HtrA2/Omi could participate in the mitochondrial apoptotic pathway.
<b>Uniprot ID:</b>	<a href="#">O43464</a>
<b>NCBI:</b>	<a href="#">NP_037379.1</a>
<b>GenelD:</b>	<a href="#">27429</a>
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Synthetic peptide
<b>Format:</b>	<b>State:</b> Liquid purified Ig <b>Purification:</b> Ion exchange chromatography <b>Buffer System:</b> Phosphate buffered saline, containing 0.02% sodium azide
<b>Applications:</b>	<b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. <b>Western Blot:</b> 0.5 - 1 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts to a peptide corresponding to 16 amino acids near the C-terminus of Omi. <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.

**Pictures:**

Kidney: Formalin-Fixed Paraffin-Embedded (FFPE)



Brain, cortex: Formalin-Fixed Paraffin-Embedded (FFPE)

