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Datasheet for ABIN5675033  
**anti-HTRA2 antibody (AA 231-330)**

2 Images

Overview

Quantity:	100 µL
Target:	HTRA2
Binding Specificity:	AA 231-330
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTRA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HTRA2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	HTRA2
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## Target Details

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Alternative Name:	HTRA2 ( <a href="#">HTRA2 Products</a> )
Background:	<p>Synonyms: Serine protease HTRA2, mitochondrial, HTRA2, High temperature requirement protein A2, HtrA2, Omi stress-regulated endoprotease, Serine protease 25 Serine proteinase OMI, HTRA2, OMI, PRSS25</p> <p>Background: Serine protease that shows proteolytic activity against a non-specific substrate beta-casein. Promotes or induces cell death either by direct binding to and inhibition of BIRC proteins (also called inhibitor of apoptosis proteins, IAPs), leading to an increase in caspase activity, or by a BIRC inhibition-independent, caspase-independent and serine protease activity-dependent mechanism. Cleaves THAP5 and promotes its degradation during apoptosis.</p> <p>Isoform 2 seems to be proteolytically inactive.</p>
Gene ID:	27429
UniProt:	<a href="#">O43464</a>
Pathways:	<a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

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Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

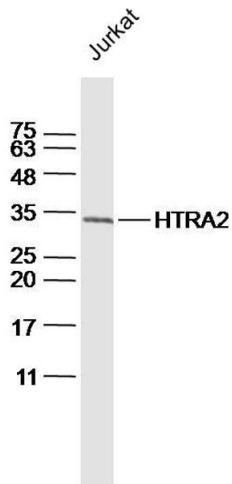
## Handling

Storage: 4 °C, -20 °C

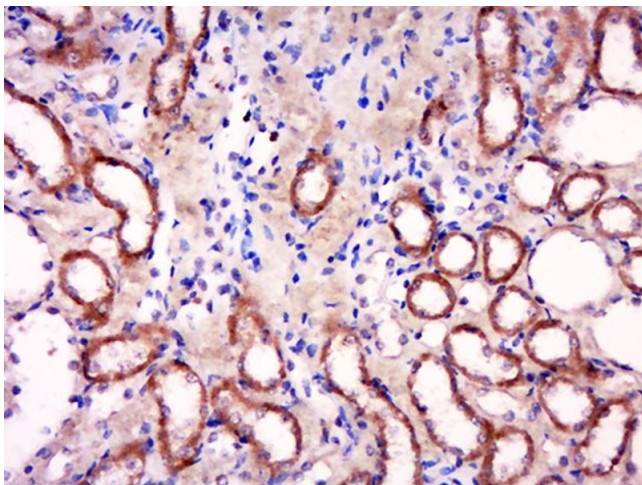
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

## Images



**Image 1.** Jurkat lysates probed with HTRA2 Polyclonal Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Paraformaldehyde-fixed, paraffin embedded Rat kidney Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes Blocking buffer (normal goat serum) at 37°C for 30min Antibody incubation with HTRA2 Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, DAB staining.