

## Datasheet: AHP2707

<b>Description:</b>	RABBIT ANTI HTRA2
<b>Specificity:</b>	HTRA2
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse

**N.B.** Antibody reactivity and working conditions may vary between species.

### Product Form

Purified IgG - liquid

### Antiserum Preparation

Antiserum to HtrA2 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

### Buffer Solution

0.42% Potassium phosphate  
0.87% Sodium chloride

### Preservative Stabilisers

0.01% Sodium Azide (NaN<sub>3</sub>)  
30% Glycerol

### Immunogen

Recombinant human HtrA2

### External Database Links

#### UniProt:

[O43464](#) [Related reagents](#)

#### Entrez Gene:

[27429](#) HTRA2 [Related reagents](#)

### Synonyms

OMI, PRSS25

<b>Specificity</b>	<b>Rabbit anti HtrA2 antibody</b> recognizes protein serine protease HtrA2, also known as OMI and PRSS25. HtrA2 is a member of the HtrA serine protease family ( <a href="#">Gray et al. 2000</a> ) and was identified as a mammalian homologue of the <i>Escherichia coli</i> protein HtrA ( <a href="#">Faccio et al. 2000</a> ). HtrA2 forms a homotrimer which is important for its function and serine protease activity ( <a href="#">Li et al. 2002</a> ). HtrA2 is released from mitochondria and interacts with X chromosome-linked inhibitor of apoptosis (XIAP) ( <a href="#">Suzuki et al. 2001</a> ). The XIAP binding through a reaper-like motif is required for induction of apoptosis ( <a href="#">Martins et al. 2002</a> ). HtrA2 is upregulated in hepatocellular carcinoma ( <a href="#">Wang et al. 2018</a> ) and has been associated with chemosensitivity in various cancers ( <a href="#">Miyamoto et al. 2015</a> ).
<b>Western Blotting</b>	Rabbit anti HtrA2 antibody detects a band of approximately 38 kDa in HeLa, MCF7 cell lysates and mouse heart and mouse kidney tissue lysates
<b>Storage</b>	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20407 available at: 20407: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/20407.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/20407.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

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