

Datasheet: AHP2707

Description:	RABBIT ANTI HTRA2
Specificity:	HTRA2
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

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

<0.1% Sodium Azide (NaN₃)
30% Glycerol

Immunogen

Recombinant human HtrA2

External Database**Links****UniProt:**[O43464](#)[Related reagents](#)**Entrez Gene:**[27429](#)

HTRA2

[Related reagents](#)

Synonyms

OMI, PRSS25

Specificity

Rabbit anti HtrA2 antibody recognizes protein serine protease HtrA2, also known as OMI and PRSS25. HtrA2 is a member of the HtrA serine protease family ([Gray et al. 2000](#)) and was identified as a mammalian homologue of the *Escherichia coli* protein HtrA ([Faccio et al. 2000](#)). HtrA2 forms a homotrimer which is important for its function and serine protease activity ([Li et al. 2002](#)). HtrA2 is released from mitochondria and interacts with X chromosome-linked inhibitor of apoptosis (XIAP) ([Suzuki et al. 2001](#)). The XIAP binding through a reaper-like motif is required for induction of apoptosis ([Martins et al. 2002](#)). HtrA2 is upregulated in hepatocellular carcinoma ([Wang et al. 2018](#)) and has been associated with chemosensitivity in various cancers ([Miyamoto et al. 2015](#)).

Western Blotting

Rabbit anti HtrA2 antibody detects a band of approximately 38 kDa in HeLa, MCF7 cell lysates and mouse heart and mouse kidney tissue lysates

Storage

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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #20407 available at:
20407: <https://www.bio-rad-antibodies.com/uploads/MSDS/20407.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M389896:210811'

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