

## Rabbit anti-Human HTRA2 Polyclonal Antibody | anti-HTRA2 antibody

HTRA2 Antibody (N-term)

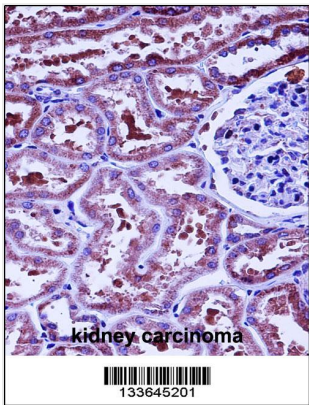
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA284777 | Rabbit | Human      | Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

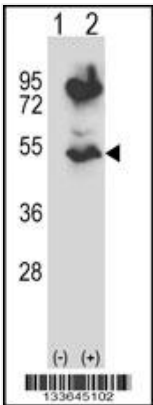
HTRA2; Polyclonal Antibody; HTRA2 Antibody (N-term); Serine protease HTRA2; mitochondrial; High temperature requirement protein A2; HtrA2; Omi stress-regulated endoprotease; Serine protease 25; Serine proteinase OMI; OMI; PRSS25; anti-HTRA2 antibody

### PRODUCT SPECIFICATIONS

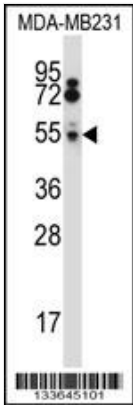
|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This HTRA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 73-102 amino acids from the N-terminal region of human HTRA2.        |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 73-102                                                                                                                                                                       |
| Sequence Length                                 | 377                                                                                                                                                                          |
| Applicable Applications for anti-HTRA2 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



**IHC (Immunohistochemisry)**  
HTRA2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of HTRA2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
Western blot analysis of HTRA2 (arrow) using rabbit polyclonal HTRA2 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the HTRA2 gene.



**WB (Western Blot)**  
HTRA2 Antibody (N-term) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the HTRA2 antibody detected the HTRA2 protein (arrow).

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HTRA2 antibody | This gene encodes a serine protease. The protein has been localized in the endoplasmic reticulum and interacts with an alternatively spliced form of mitogen-activated protein kinase 14. The protein has also been localized to the mitochondria with release to the cytosol following apoptotic stimulus. The protein is thought to induce apoptosis by binding the apoptosis inhibitory protein baculoviral IAP repeat-containing 4. Nuclear localization of this protein has also been observed. Alternate splicing of this gene results in two transcript variants encoding different isoforms. Additional transcript variants have been described, but their full-length sequences have not been determined. [provided by RefSeq]. |
| Product Categories/Family for anti-HTRA2 antibody   | Cancer; Cell Biology; Metabolism; Neuroscience; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| References                                          | Zurawa-Janicka, D., et al. Expert Opin. Ther. Targets 14(7):665-679(2010)<br>Kawamoto, Y., et al. Neuropathol. Appl. Neurobiol. 36(4):331-344(2010)<br>Vande Walle, L., et al. Cell Res. 20(4):421-433(2010)<br>Hartkamp, J., et al. Mol. Cell 37(2):159-171(2010)<br>Kruger, R., et al. Neurobiol. Aging (2009) In press :                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| NCBI GI #                        | 7019477                                                      |
| NCBI GeneID                      | 27429                                                        |
| NCBI Accession #                 | NP_037379.1; NP_659540.1                                     |
| NCBI GenBank Nucleotide #        | NM_013247.4                                                  |
| UniProt Accession #              | O43464; Q9HBZ4; Q9P0Y3; Q9P0Y4                               |
| Molecular Weight                 | 48841                                                        |
| NCBI Official Full Name          | serine protease HTRA2, mitochondrial isoform 1 preproprotein |
| NCBI Official Synonym Full Names | HtrA serine peptidase 2                                      |
| NCBI Official Symbol             | HTRA2                                                        |
| NCBI Official Synonym Symbols    | OMI; PARK13; PRSS25                                          |
| NCBI Protein Information         | serine protease HTRA2, mitochondrial                         |
| UniProt Protein Name             | Serine protease HTRA2, mitochondrial                         |
| UniProt Gene Name                | <b>HTRA2</b>                                                 |
| UniProt Synonym Gene Names       | OMI; PRSS25; HtrA2                                           |
| UniProt Entry Name               | HTRA2_HUMAN                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/htra2-antibody-immunohistochemistry-western-blot-elisa/284777>