

## Rabbit HTRA1 Polyclonal Antibody | anti-HTRA1 antibody

HTRA1 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA179753</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

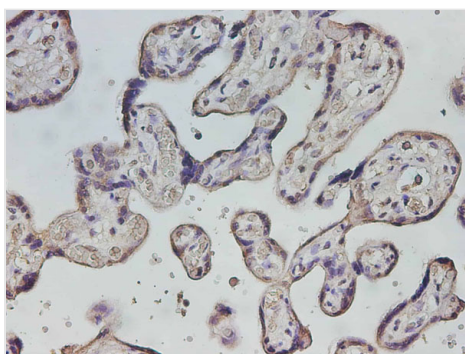
### PRODUCT SYNONYMS

HTRA1; Polyclonal Antibody; HTRA1 Polyclonal Antibody; Serine protease HTRA1; High-temperature requirement A serine peptidase 1; L56; Serine protease 11; PRSS11; anti-HTRA1 antibody

### PRODUCT SPECIFICATIONS

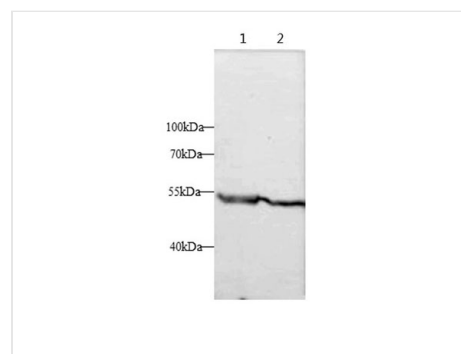
|                                                 |                                                                             |
|-------------------------------------------------|-----------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                      |
| Reactivity                                      | Human, Mouse, Rat                                                           |
| Clonality                                       | Polyclonal                                                                  |
| Isotype                                         | IgG                                                                         |
| Purity/Purification                             | Antigen Affinity Purification                                               |
| Form/Format                                     | PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4 |
| Concentration                                   | 1mg/mL (varies by lot)                                                      |
| Applicable Applications for anti-HTRA1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                               |
| Immunogen                                       | Recombinant Human HTRA1 protein expressed by E coli                         |
| Preparation and Storage                         | Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles.        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human placenta using HTRA1 Polyclonal Antibody at dilution of 1:800



#### WB (Western Blot)

Western blot with HTRA1 Polyclonal antibody at dilution of 1:500. Lane 1: Mouse placenta, Lane 2: Rat placenta

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HTRA1 antibody | Serine protease with a variety of targets, including extracellular matrix proteins such as fibronectin. HTRA1-generated fibronectin fragments further induce synovial cells to up-regulate MMP1 and MMP3 production. May also degrade proteoglycans, such as aggrecan, decorin and fibromodulin. Through cleavage of proteoglycans, may release soluble FGF-glycosaminoglycan complexes that promote the range and intensity of FGF signals in the extracellular space. Regulates the availability of insulin-like growth factors (IGFs) by cleaving IGF-binding proteins. Inhibits signaling mediated by TGF-beta family members. This activity requires the integrity of the catalytic site, although it is unclear whether TGF-beta proteins are themselves degraded. By acting on TGF-beta signaling, may regulate many physiological processes, including retinal angiogenesis and neuronal survival and maturation during development. Intracellularly, degrades TSC2, leading to the activation of TSC2 downstream targets. |
| Product Categories/Family for anti-HTRA1 antibody   | Polyclonal Antibodies; Primary Antibodies; Polyclonal Antibodies; Cancer; Signal transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 18202620                                                                                                                      |
| NCBI GeneID                      | 5654                                                                                                                          |
| UniProt Accession #              | Q92743; Q9UNS5; D3DRE4                                                                                                        |
| NCBI Official Full Name          | Serine protease HTRA1                                                                                                         |
| NCBI Official Synonym Full Names | HtrA serine peptidase 1                                                                                                       |
| NCBI Official Symbol             | HTRA1                                                                                                                         |
| NCBI Official Synonym Symbols    | L56; HtrA; ARMD7; ORF480; PRSS11; CARASIL                                                                                     |
| NCBI Protein Information         | serine protease HTRA1; IGFBP5-protease; protease, serine, 11 (IGF binding); high-temperature requirement A serine peptidase 1 |
| UniProt Protein Name             | Serine protease HTRA1                                                                                                         |
| UniProt Gene Name                | HTRA1                                                                                                                         |
| UniProt Synonym Gene Names       | HTRA; PRSS11                                                                                                                  |
| UniProt Entry Name               | HTRA1_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/htra1-antibody-immunohistochemistry-western-blot-elisa/179753>