BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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# Anti-HtrA3 Antibody Picoband® Biotin Conjugated

**Catalog Number:** A05478-Biotin

## About HTRA3

Human HtrA3 protease, which induces mitochondria-mediated apoptosis, can be a tumor suppressor and a potential therapeutic target in the treatment of cancer. It may also have a role in ovarian development, granulosa cell differentiation and luteinization. The long isoform, HTRA3L, contains 453 amino acids and has a predicted molecular mass of 49 kD. It contains an N-terminal signal peptide, followed by an insulin/IGF (see 147440)-binding domain, a Kazal-type S protease inhibitor domain, a trypsin protease domain, and a PDZ domain. The short isoform, HTRA3S, contains 357 amino acids and has a predicted molecular mass of 38 kD.

## Overview

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| Product Name | Anti-HtrA3 Antibody Picoband® Biotin Conjugated |
| Reactive Species | Human |
| Application | WB, IHC, ELISA |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3. |
| Storage Instructions | At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | P83110 |

## Technical Details

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| Immunogen | A synthetic peptide corresponding to a sequence at the C-terminus of human HtrA3, different from the related mouse sequence by four amino acids, and from the related rat sequence by three amino acids. |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Biotin |
| Suggested Dilutions | Western blot, Optimal dilutions should be determined by end users.<br>Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by |

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| | end users.<br>ELISA, Optimal dilutions should be determined by end users. |



Anti-HtrA3 Antibody - Biotin

For Research Use Only. Not for use in diagnostic procedures.