

Datasheet for ABIN954337  
**anti-PRSS16 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 0.4 mL  |
| Target:              | PRSS16  |
| Binding Specificity: | AA 51-81, N-Term                                |
| Reactivity:          | Human, Mouse                                    |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This PRSS16 antibody is un-conjugated           |
| Application:         | Western Blotting (WB), Enzyme Immunoassay (EIA) |

## Product Details

|                             |  |
|-----------------------------|--|
| Immunogen:                  | Synthetic peptide - KLH conjugated - corresponding to the N-terminal region (between 51-81aa) of human PRSS16. |
| Isotype:                    | Ig Fraction  |
| Specificity:                | This antibody detects human PRSS16 at N-term.  |
| Cross-Reactivity (Details): | Species reactivity (tested): Human, Mouse  |
| Purification:               | Purified through a protein A column; followed by peptide affinity purification.                                |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | PRSS16                                     |
| Alternative Name: | PRSS16 ( <a href="#">PRSS16 Products</a> ) |

## Target Details

|                 |  |
|-----------------|--|
| Background:     | The PRSS16 gene encodes a serine protease expressed exclusively in the thymus. It is thought to play a role in the alternative antigen presenting pathway used by cortical thymic epithelial cells during the positive selection of T cells. The gene is found in the large histone gene cluster on chromosome 6, near the major histocompatibility complex (MHC) class I region. A second transcript variant has been described, but its full length nature has not been determined.Synonyms: Serine protease 16, TSSP, Thymus-specific serine protease |
| Gene ID:        | 10279  |
| NCBI Accession: | <a href="#">NP_005856</a>  |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only  |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 0.25 mg/mL   |
| Buffer:            | PBS with 0.09 % (W/V) Sodium Azide.  |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freezing and thawing.   |
| Storage:           | 4 °C/-20 °C  |
| Storage Comment:   | Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.                            |



Western Blotting

**Image 1.** Western blot analysis in HL-60 cell line lysates (35ug/lane) using PRSS16 Antibody (N-term). This demonstrates the PRSS16 antibody detected the PRSS16 protein (arrow).

Western Blotting

**Image 2.** Western blot analysis in mouse liver tissue lysates (35ug/lane) using PRSS16 Antibody (N-term). This demonstrates the PRSS16 antibody detected the PRSS16 protein (arrow).