

Datasheet for ABIN7601219  
**anti-PRSS35 antibody (AA 30-340)**



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## Overview

Quantity:	100 µg
Target:	PRSS35
Binding Specificity:	AA 30-340
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRSS35 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Purpose:	Anti-PRSS35 Antibody Picoband®
Immunogen:	E.coli-derived human PRSS35 recombinant protein (Position: H30-D340).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PRSS35 Antibody Picoband® (ABIN7601219). Tested in ELISA, WB applications. This antibody reacts with Human, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	PRSS35
Alternative Name:	PRSS35 ( <a href="#">PRSS35 Products</a> )
Background:	<p>Synonyms: Transmembrane protein 240, TMEM240, C1orf70,</p> <p>Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.</p> <p>Background: Proteolytic degradation of extracellular matrix components has been suggested to play an essential role for the occurrence of ovulation. The plasminogen activator and matrix metalloproteinase systems, which were previously believed to be crucial for ovulation, are not required in this process. PRSS35, which was upregulated by gonadotropins. PRSS23 was highly expressed in atretic follicles and it was expressed in the ovarian stroma and theca tissues just prior to ovulation. PRSS35 was expressed in the theca layers of developing follicles. It was also highly induced in granulosa cells of preovulatory follicles. PRSS35 was also expressed in the forming and regressing CL. PRSS35 may be involved in ovulation and CL formation and regression, and that PRSS23 may play a role in follicular atresia.</p>
Molecular Weight:	53 kDa
Gene ID:	167681
UniProt:	<a href="#">Q8N3Z0</a>

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Miyakoshi, K. , Murphy, M. J. , Yeoman, R. R. , Mitra, S. , Dubay, C. J. , &amp; Hennebold, J. D. . (2006). The identification of novel ovarian proteases through the use of genomic and bioinformatic methodologies. <i>Biology of Reproduction</i>, 75(6), 823-35. 2. Floyd, Brendan, J. , Wilkerson, Emily, M. , Veling, &amp; Mike, T. , et al. Mitochondrial Protein Interaction Mapping Identifies Regulators of Respiratory Chain Function. 3. Clark, H. F. , Gurney, A. L. , Abaya, E. , Baker, K. , Baldwin, D. , &amp; Brush, J. , et al. (2003). The secreted protein discovery initiative (spdi), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment. <i>Genome Research</i>, 13(10), 2265-2276.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
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## Handling

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Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.