

Datasheet for ABIN7601715
anti-PRSS22 antibody (AA 43-299)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PRSS22
Binding Specificity:	AA 43-299
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRSS22 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-PRSS22 Antibody Picoband®
Immunogen:	E.coli-derived human PRSS22 recombinant protein (Position: K43-Q299).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-PRSS22 Antibody Picoband® (ABIN7601715). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human. 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:	PRSS22
Alternative Name:	PRSS22 (PRSS22 Products)
Background:	<p>Synonyms: RNA-binding protein 47,RNA-binding motif protein 47,RBM47,</p> <p>Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. .</p> <p>Background: Brain-specific serine protease 4 (BSSP-4), also known as serine protease 22 or tryptase epsilon, is an enzyme that in humans is encoded by the PRSS22 gene. This gene encodes a member of the trypsin family of serine proteases. The enzyme is expressed in the airways in a developmentally regulated manner. The gene is part of a cluster of serine protease genes on chromosome 16.</p>
Molecular Weight:	42 kDa
Gene ID:	64063

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry(Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Wong, G. W., Yasuda, S., Madhusudhan, M. S., Li, L., Yang, Y., Krilis, S. A., Sali, A., Stevens, R. L. Human tryptase epsilon (PRSS22), a new member of the chromosome 16p13.3 family of human serine proteases expressed in airway epithelial cells. J. Biol. Chem. 276: 49169-49182, 2001.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
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 Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and</p>

thawing.