Datasheet for ABIN7600689

anti-PRSS44 antibody (AA 22-340)

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Overview

Quantity:	100 µg
Target:	PRSS44
Binding Specificity:	AA 22-340
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRSS44 antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Western Blotting (WB)

Product Details

Purpose:	Anti-PRSS44 Antibody Picoband®
Immunogen:	E.coli-derived human PRSS44 recombinant protein (Position: L22-K340).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PRSS44 Antibody Picoband® (ABIN7600689). Tested in ELISA, IF, ICC, WB applications. This antibody reacts with Human, Mouse, 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:	PRSS44
Alternative Name:	PRSS44 (PRSS44 Products)
Background:	Synonyms: Placenta-specific protein 9, PLAC9 Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon. Background: Predicted to enable serine-type endopeptidase activity. Predicted to be involved in germ cell development, proteolysis, and spermatogenesis. Located in cytoplasm. Orthologous to human PRSS44P (serine protease 44, pseudogene).
Molecular Weight:	45 kDa
Gene ID:	729756

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Ota, T. , Suzuki, Y. , Nishikawa, T. , Otsuki, T. , & Sugano, S. . (2004). Complete sequencing and characterization of 21,243 full-length human cdnas. Nature Genetics, 36(1), 40-45. 2. Pascale, G. , Livstone, M. S. , Lewis, S. E. , & Thomas, P. D. . (2011). Phylogenetic-based propagation of functional annotations within the gene ontology consortium. Briefings in Bioinformatics, 12(5), 449-462.
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:	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.