

Datasheet for ABIN7601605  
**anti-SPATA20 antibody (AA 396-786)**



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## Overview

Quantity:	100 µg
Target:	SPATA20
Binding Specificity:	AA 396-786
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPATA20 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-SPATA20 Antibody Picoband®
Immunogen:	E.coli-derived human SPATA20 recombinant protein (Position: K396-P786).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SPATA20 Antibody Picoband® (ABIN7601605). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human, Mouse. 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

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Target:	SPATA20
Alternative Name:	SPATA20 ( <a href="#">SPATA20 Products</a> )
Background:	<p>Synonyms: Kelch repeat and BTB domain-containing protein 2, BTB and kelch domain-containing protein 1, KBTBD2, BKLHD1, KIAA1489</p> <p>Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.</p> <p>Background: SPATA20 (Spermatogenesis Associated 20), located on human chromosome 17q21.33, is a member of thioredoxin family. The human SPATA20 gene, also known as SSP411, Tisp78 and HEL-S-98, encodes an 87899 Da protein containing 786 amino acids. The SPATA20 protein is broadly expressed in testis, thyroid and other tissues. The SPATA20 gene is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, etc. 336 organisms have orthologs with human gene SPATA20. SPATA20 is associated with some diseases, including Common Bile Duct Disease and Choledocholithiasis.</p>
Molecular Weight:	88 kDa
Gene ID:	64847

## Application Details

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Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Hartz, P. A. Personal Communication. Baltimore, Md. 4/19/2011. 2. Shi, H.-J., Wu, A. Z., Santos, M., Feng, Z.-M., Huang, L., Chen, Y.-M., Zhu, K., Chen, C.-L. C. Cloning and characterization of rat spermatid protein SSP411: a thioredoxin-like protein. J. Androl. 25: 479-493, 2004.</p>
Restrictions:	For Research Use only

## Handling

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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 Na <sub>2</sub> HPO <sub>4</sub> .
Storage:	4 °C, -20 °C

## Handling

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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.