

Datasheet for ABIN7599905
anti-SERPINA10 antibody (AA 128-427)



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Overview

Quantity:	100 µg
Target:	SERPINA10
Binding Specificity:	AA 128-427
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINA10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-ZPI/SERPINA10 Antibody Picoband®
Immunogen:	E.coli-derived human ZPI/SERPINA10 recombinant protein (Position: L128-E427).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-ZPI/SERPINA10 Antibody Picoband® (ABIN7599905). Tested in ELISA, Flow Cytometry, 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:	SERPINA10
Alternative Name:	SERPINA10 (SERPINA10 Products)
Background:	Synonyms: Phosphopantothenate--cysteine ligase, Phosphopantothenoylecysteine synthetase, PPC synthetase, PPCS, COAB Tissue Specificity: Expressed in heart, placenta, skeletal muscle kidney, pancreas, spleen, prostate, testis, ovary, ileum and colon. Expressed in lung endothelial and smooth muscle cells (at protein level). Background: The protein encoded by this gene belongs to the serpin family. It is predominantly expressed in the liver and secreted in plasma. It inhibits the activity of coagulation factors Xa and XIa in the presence of protein Z, calcium and phospholipid. Mutations in this gene are associated with venous thrombosis. Alternatively spliced transcript variants have been found for this gene.
Molecular Weight:	71 kDa
Gene ID:	51156

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Han, X., Fiehler, R., Broze, G. J., Jr. Isolation of protein Z-dependent plasma protease inhibitor. Proc. Nat. Acad. Sci. 95: 9250-9255, 1998. 2. Han, X., Huang, Z. F., Fiehler, R., Broze, G. J., Jr. The protein Z-dependent protease inhibitor is a serpin. Biochemistry 38: 11073-11078, 1999. 3. New, L., Liu, K., Kamali, V., Plowman, G., Naughton, B. A., Purchio, A. F. cDNA cloning of rasp-1, a novel gene encoding a plasma protein associated with liver regeneration. Biochem. Biophys. Res. Commun. 223: 404-412, 1996.
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 Na ₂ HPO ₄ .

Handling

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.