

Datasheet for ABIN7599316
anti-SERPINB13 antibody (AA 1-368)



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Overview

Quantity:	100 µg
Target:	SERPINB13
Binding Specificity:	AA 1-368
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINB13 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-SERPINB13 Antibody Picoband®
Immunogen:	E.coli-derived human SERPINB13 recombinant protein (Position: M1-H368).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SERPINB13 Antibody Picoband® (ABIN7599316). 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:	SERPINB13
Alternative Name:	SERPINB13 (SERPINB13 Products)
Background:	Synonyms: Peflin, PEF protein with a long N-terminal hydrophobic domain, Penta-EF hand domain-containing protein 1, PEF1, ABP32, UNQ1845, PRO3573 Tissue Specificity: Pre-B-cells and B-cells but not terminally differentiated plasma cells. Background: Serpin B13 is a protein that in humans is encoded by the SERPINB13 gene. The protein encoded by this gene is a member of the serpin family of serine protease inhibitors. The encoded protein inhibits the activity of cathepsin K and is itself transcriptionally repressed by RUNX1. This gene is downregulated in many types of cancer.
Molecular Weight:	44 kDa
Gene ID:	5275

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Abts, H. F., Breuhahn, K., Michel, G., Kohrer, K., Esser, P., Ruzicka, T. Analysis of UVB modulated gene expression in human keratinocytes by mRNA differential display polymerase chain reaction. Photochem. Photobiol. 66: 363-367, 1997. 2. Abts, H. F., Welss, T., Mirmohammadsadegh, A., Kohrer, K., Michel, G., Ruzicka, T. Cloning and characterization of hurpin (protease inhibitor 13): a new skin-specific, UV-repressible serine proteinase inhibitor of the ovalbumin serpin family. J. Molec. Biol. 293: 29-39, 1999. 3. Nakashima, T., Pak, S. C., Silverman, G. A., Spring, P. M., Frederick, M. J., Clayman, G. L. Genomic cloning, mapping, structure and promoter analysis of HEADPIN, a serpin which is down-regulated in head and neck cancer cells. Biochim. Biophys. Acta 1492: 441-446, 2000.
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.

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.