

Datasheet for ABIN7602646
anti-SERPINE3 antibody (AA 90-424)



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Overview

Quantity:	100 µg
Target:	SERPINE3
Binding Specificity:	AA 90-424
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPINE3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Anti-SERPINE3 Antibody Picoband®
Immunogen:	E.coli-derived human SERPINE3 recombinant protein (Position: K90-F424).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SERPINE3 Antibody Picoband® (ABIN7602646). Tested in ELISA, 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:	SERPINE3
Alternative Name:	SERPINE3 (SERPINE3 Products)
Background:	<p>Synonyms: Placenta-specific protein 9, PLAC9</p> <p>Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.</p> <p>Background: Predicted to enable serine-type endopeptidase inhibitor activity. Predicted to be involved in negative regulation of endopeptidase activity. Predicted to be active in extracellular space.</p>
Molecular Weight:	52 kDa
Gene ID:	647174

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Mouse, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Heit, C., Jackson, B. C., McAndrews, M., Wright, M. W., Thompson, D. C., Silverman, G. A., ... & Vasiliou, V. (2013). Update of the human and mouse SERPIN gene superfamily. Human genomics, 7(1), 1-14. 2. Indrischek, H., Hammer, J., Machate, A., Hecker, N., Kirilenko, B., Roscito, J., ... & Hiller, M. (2022). Vision-related convergent gene losses reveal SERPINE3's unknown role in the eye. Elife, 11, e77999. 3. López, S., Buil, A., Souto, J. C., Casademont, J., Martinez-Perez, A., Almasy, L., & Soria, J. M. (2014). A genome-wide association study in the genetic analysis of idiopathic thrombophilia project suggests sex-specific regulation of mitochondrial DNA levels. Mitochondrion, 18, 34-40.</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:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.

Handling

It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.