

Datasheet for ABIN7600759
anti-THBS3 antibody (AA 23-486)



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Overview

Quantity:	100 µg
Target:	THBS3
Binding Specificity:	AA 23-486
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This THBS3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-THBS3 Antibody Picoband®
Immunogen:	E.coli-derived human THBS3 recombinant protein (Position: Q23-T486).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-THBS3 Antibody Picoband® (ABIN7600759). Tested in ELISA, Flow Cytometry, IHC, 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:	THBS3
Alternative Name:	THBS3 (THBS3 Products)
Background:	Synonyms: Protein eva-1 homolog A, Protein FAM176A, Transmembrane protein 166, EVA1A, FAM176A, TMEM166, SP24 Tissue Specificity: Expressed in lung, kidney, liver, pancreas, placenta, but not in heart and skeletal muscle. Background: Thrombospondin-3 (TSP3) is a protein that in humans is encoded by the THBS3 gene. The protein encoded by this gene belongs to the thrombospondin family. Thrombospondin family members are adhesive glycoproteins that mediate cell-to-cell and cell-to-matrix interactions. This protein forms a pentameric molecule linked by a single disulfide bond. This gene shares a common promoter with metaxin 1. Alternate splicing results in coding and non-coding transcript variants.
Molecular Weight:	120 kDa
Gene ID:	7059
UniProt:	P49746

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Adolph, K. W., Long, G. L., Winfield, S., Ginns, E. I., Bornstein, P. Structure and organization of the human thrombospondin 3 gene (THBS3). Genomics 27: 329-336, 1995. 2. Bornstein, P., Devarayalu, S., Edelhoff, S., Disteché, C. M. Isolation and characterization of the mouse thrombospondin 3 (Thbs3) gene. Genomics 15: 607-613, 1993. 3. Bornstein, P., McKinney, C. E., LaMarca, M. E., Winfield, S., Shingu, T., Devarayalu, S., Vos, H. L., Ginns, E. I. Metaxin, a gene contiguous to both thrombospondin 3 and glucocerebrosidase, is required for embryonic development in the mouse: implications for Gaucher disease. Proc. Nat. Acad. Sci. 92: 4547-4551, 1995.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
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Handling

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 .
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.