

Datasheet for ABIN7600896
anti-BAMBI antibody (AA 25-260)



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Overview

Quantity:	100 µg
Target:	BAMBI
Binding Specificity:	AA 25-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAMBI antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-BAMBI/NMA Picoband® Antibody
Immunogen:	E.coli-derived human BAMBI/NMA recombinant protein (Position: K25-V260).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-BAMBI/NMA Picoband® Antibody (ABIN7600896). Tested in ELISA, 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:	BAMBI
Alternative Name:	BAMBI (BAMBI Products)
Background:	Synonyms: BMP and activin membrane-bound inhibitor homolog, Non-metastatic gene A protein, Putative transmembrane protein, NMA, BAMBI, NMA Tissue Specificity: Expressed in adult liver. Background: BMP and activin membrane-bound inhibitor homolog (<i>Xenopus laevis</i>), also known as BAMBI, is a protein which in humans is encoded by the BAMBI gene. It is mapped to 10p12.1. This gene encodes a transmembrane glycoprotein related to the type I receptors of the transforming growth factor-beta (TGF-beta) family, whose members play important roles in signal transduction in many developmental and pathological processes. The encoded protein however is a pseudoreceptor, lacking an intracellular serine/threonine kinase domain required for signaling. Similar proteins in frog, mouse and zebrafish function as negative regulators of TGF-beta, which has led to the suggestion that the encoded protein may function to limit the signaling range of the TGF-beta family during early embryogenesis.
Molecular Weight:	29 kDa
Gene ID:	25805
UniProt:	Q13145

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Degen, W. G., Weterman, M. A., van Groningen, J. J., Cornelissen, I. M., Lemmers, J. P., Agterbos, M. A., Geurts van Kessel, A., Swart, G. W., Bloemers, H. P. Expression of nma, a novel gene, inversely correlates with the metastatic potential of human melanoma cell lines and xenografts. <i>Int. J. Cancer</i> 65: 460-465, 1996.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 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 , 0.05 mg NaN ₃ .

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store 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 freeze-thaw cycles.