

Datasheet for ABIN6992047
anti-BAMBI antibody (AA 100-150)



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Overview

Quantity:	0.1 mg
Target:	BAMBI
Binding Specificity:	AA 100-150
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAMBI antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	BAMBI antibody was raised against a 17 amino acid peptide near the center of human BAMBI. The immunogen is located within amino acids 100 - 150 of BAMBI.
Isotype:	IgG
Specificity:	BAMBI antibody is human, mouse and rat reactive.
Purification:	BAMBI antibody is affinity chromatography purified via peptide column.

Target Details

Target:	BAMBI
Alternative Name:	BAMBI (BAMBI Products)

Target Details

Background:	BAMBI (BMP and activin membrane-bound inhibitor homolog, NMA) is a membrane spanning glycoprotein that acts as a negative regulator of TGF-beta signaling during development (1). BAMBI transcription regulation is under the influence of beta-catenin, BMP, smad3 and smad4 (2,3). BAMBI expression can increase in colorectal and hepatocellular carcinomas relative to non-cancerous tissues (4). BAMBI is expressed at high levels during odontogenesis. BAMBI is coexpressed with Bmp-4 during early Xenopus embryogenesis and can be detected in poorly metastatic human melanoma cell lines (5).
Molecular Weight:	Predicted: 29 kDa Observed: 26 kDa
Gene ID:	25805
NCBI Accession:	NP_036474
UniProt:	Q13145

Application Details

Application Notes:	BAMBI antibody can be used for detection of BAMBI by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	BAMBI antibody is supplied in PBS containing 0.02 % sodium azide.
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:	-20 °C, 4 °C

Handling

Storage Comment: BAMBI antibody can be stored at 4°C for three months and -20°C, stable for up to one year.