

Rabbit BAMBI Polyclonal Antibody | anti-BAMBI antibody

BAMBI Antibody

CATALOG # AAA40642	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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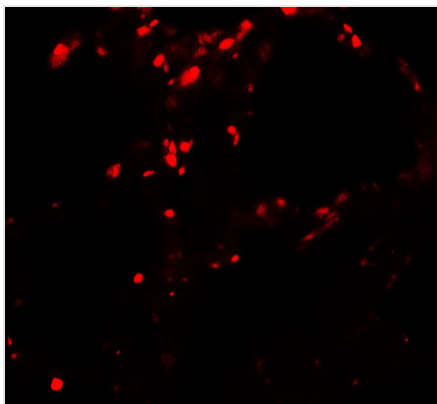
PRODUCT SYNONYMS

BAMBI; Polyclonal Antibody; BAMBI Antibody; BMP and activin membrane-bound inhibitor homolog; BMP and activin membrane-bound inhibitor; anti-BAMBI antibody

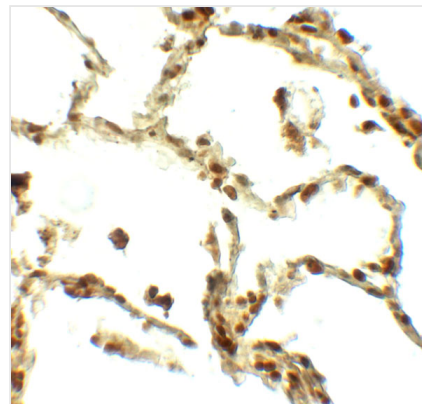
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	BAMBI antibody is human, mouse and rat reactive.
Purity/Purification	BAMBI antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	260
Applicable Applications for anti-BAMBI antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	BAMBI antibody was raised against a 17 amino acid peptide near the center of human BAMBI.
Buffer	BAMBI antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	BAMBI antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

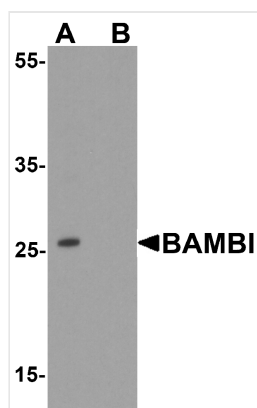
IMAGES


IF (Immunofluorescence)

Immunofluorescence of BAMBI in human lung tissue with BAMBI antibody at 20 µg/ml.


IHC (Immunohistochemistry)

Immunohistochemistry of BAMBI in human lung tissue with BAMBI antibody at 5 µg/ml.



WB (Western Blot)

Western blot analysis of BAMBI in mouse lung tissue lysate with BAMBI antibody at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-BAMBI antibody

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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912534
NCBI GeneID	25805
NCBI Accession #	NP_036474
NCBI GenBank Nucleotide #	NM_012342.2
Molecular Weight	Predicted: 29 kDa Observed: 26 kDa
NCBI Official Full Name	BMP and activin membrane-bound inhibitor homolog
NCBI Official Synonym Full Names	BMP and activin membrane-bound inhibitor
NCBI Official Symbol	BAMBI
NCBI Official Synonym Symbols	NMA
NCBI Protein Information	BMP and activin membrane-bound inhibitor homolog; non-metastatic gene A protein; putative transmembrane protein NMA
UniProt Protein Name	BMP and activin membrane-bound inhibitor homolog
UniProt Gene Name	BAMBI
UniProt Synonym Gene Names	NMA
UniProt Entry Name	BAMBI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.