



# BAMBI Polyclonal Antibody

<b>Catalog No</b>	BYab-06874
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	BAMBI NMA
<b>Protein Name</b>	BMP and activin membrane-bound inhibitor homolog (Non-metastatic gene A protein) (Putative transmembrane protein NMA)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	BAMBI Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	28kD
<b>Cell Pathway</b>	Membrane ; Single-pass type I membrane protein .
<b>Tissue Specificity</b>	High expression in kidney medulla, placenta and spleen; low in kidney cortex, liver, prostate and gut. Not expressed in normal skin, expression is high in melanocytes and in 3 out of 11 melanoma metastases tested.
<b>Function</b>	developmental stage:Expression in poorly metastatic human melanoma cell lines; no expression in highly metastatic human melanoma cell lines.,function:Negatively regulates TGF-beta signaling.,similarity:Belongs to the BAMBI family.,tissue specificity:High expression in kidney medulla, placenta and spleen; low in kidney cortex, liver, prostate and gut. Not expressed in normal skin, expression is high in melanocytes and in 3 out of 11 melanoma metastases tested.,
<b>Background</b>	BMP and activin membrane bound inhibitor(BAMBI) Homo sapiens This gene encodes a transmembrane glycoprotein related to the type I receptors of the transforming growth factor-beta (TGF-beta) family, whose members play

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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. [provided by RefSeq, Jul 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

