

## BAMBI polyclonal antibody

Catalog: BS6435

Host: Rabbit

Reactivity: Human,Rat

### BackGround:

BAMBI (BMP and activin membrane-bound inhibitor homolog, NMA), also designated Non-metastatic gene A protein, is a membrane spanning glycoprotein that acts as a negative regulator of TGF- $\beta$  signaling during development. The BAMBI family of proteins are related to type I TGF- $\beta$  receptor family, however, BAMBI is a pseudoreceptor that lacks an intracellular serine/threonine kinase domain. BAMBI transcription regulation is under the influence of  $\beta$ -catenin, BMP, smad3 and smad4. BAMBI expression can increase in colorectal and hepatocellular carcinomas relative to non-cancerous tissues. 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.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 55 kDa

### Swiss-Prot:

Q13145

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:2000

IF: 1:50~1:200

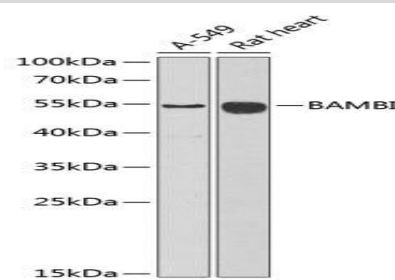
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

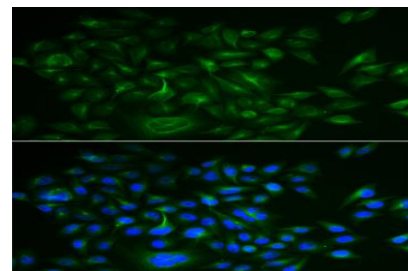
### Specificity:

BAMBI polyclonal antibody detects endogenous levels of BAMBI protein.

### DATA:



Western blot analysis of extracts of various cells, using BAMBI antibody.



Immunofluorescence analysis of HeLa cell using BAMBI antibody.

Blue: DAPI for nuclear staining.

### Note:

For research use only, not for use in diagnostic procedure.

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