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Datasheet for ABIN1695541

**anti-BAMBI antibody (AA 101-200) (Alexa Fluor 488)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | BAMBI  |
| Binding Specificity: | AA 101-200   |
| Reactivity:          | Human, Rat, Mouse, Pig   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This BAMBI antibody is conjugated to Alexa Fluor 488   |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human BAMBI |
| Isotype:              | IgG   |
| Cross-Reactivity:     | Human, Mouse, Pig, Rat                                    |
| Predicted Reactivity: | Dog,Cow,Sheep,Rabbit,Guinea Pig                           |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | BAMBI                                    |
| Alternative Name: | BAMBI ( <a href="#">BAMBI Products</a> ) |

Target Details

|             |  |
|-------------|--|
| Background: | <p>Synonyms: NMA, BMP and activin membrane-bound inhibitor homolog, Non-metastatic gene A protein, Putative transmembrane protein NMA, BAMBI</p> <p>Background: BAMBI 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.</p> |
|-------------|--|

Gene ID: 25805

UniProt: [Q13145](#)

Application Details

|                    |                    |
|--------------------|--------------------|
| Application Notes: | IF(IHC-P) 1:50-200 |
|                    | IF(IHC-F) 1:50-200 |
|                    | IF(ICC) 1:50-200   |

Restrictions: For Research Use only

Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months  |