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Datasheet for ABIN4997185

anti-BAMBI antibody (AA 101-200) (Alexa Fluor 680)

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 680
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 (BAMBI Products)

Target Details

Background: Synonyms: NMA, BMP and activin membrane-bound inhibitor homolog, Non-metastatic gene A protein, Putative transmembrane protein NMA, BAMBI

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.

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