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Datasheet for ABIN1712005
anti-BAMBI antibody (AA 101-200) (HRP)

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 HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months