BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Prickle-like protein 1 PRICKLE1 Antibody

Catalog Number: A05038

About PRICKLE1

PRICKLE1, also known as RILP or EPM1B, is a Disheveled-associated protein that serves as a nuclear translocation receptor for REST/NRSF and REST4 (1, 2). It contains three N-terminal LIM domains and three C-terminal nuclear localization signals. It localizes to the cytoplasm, as well as to the nuclear membrane and expressed at higher levels in placenta. PRICKLE1 is a negative regulator of the Wnt / beta-catenin signaling pathway and is a putative tumor suppressor in human HCCs. Defects in the gene encoding PRICKLE1 are associated with autosomal recessive progressive myoclonic epilepsy.

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Overview

Product Name	Anti-Prickle-like protein 1 PRICKLE1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Prickle-like protein 1 PRICKLE1 Antibody (Catalog # A05038). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	PRICKLE1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	PRICKLE1 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q96MT3

Technical Details

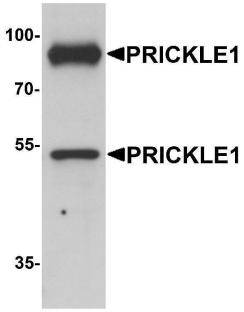
Immunogen	PRICKLE1 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human PRICKLE1. The immunogen is located within the last 50 amino acids of PRICKLE1.
Predicted Reactive Species	Bovine, Chicken, Mouse, Pig, Rat
Cross Reactivity	Multiple isoforms of PRICKLE1 are known to exist. PRICKLE1 antibody is predicted to not cross-

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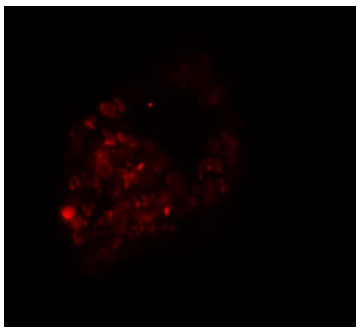
	react with other PRICKLE protein family members.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	PRICKLE1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	PRICKLE1 antibody can be used for detection of PRICKLE1 by Western blot at 1 ug/mL. Antibody can also be used for immunofluorescence starting at 20 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-Prickle-like protein 1 PRICKLE1 Antibody (A05038) Images



Western blot analysis of PRICKLE1 in human bladder tissue lysate with PRICKLE1 antibody at 1 ug/mL.



Immunofluorescence of PRICKLE1 in human bladder cells with PRICKLE1 antibody at 20 ug/mL.

Anti-Prickle-like protein 1 PRICKLE1 Antibody

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