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Datasheet for ABIN1699549

anti-PRICKLE1 antibody (AA 551-650) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	PRICKLE1
Binding Specificity:	AA 551-650
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRICKLE1 antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

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

Target Details

Target:	PRICKLE1
Alternative Name:	Prickle (PRICKLE1 Products)

Target Details

Background:	<p>Synonyms: FLJ31627, FLJ31937, MGC138902, MGC138903, EPM1B, Prickle 1, Prickle homolog 1 Drosophila, Prickle like protein 1, Prickle-like 1, Prickle1, REST-Interacting LIM Domain Protein, REST/NRSF interacting LIM domain protein 1, RILP, PRIC1_HUMAN.</p> <p>Background: Prickle1 is an 831 amino acid protein that contains one PET domain and three LIM zinc-binding domains and localizes to the cytoplasm, as well as to the nuclear membrane.</p> <p>Expressed at higher levels in placenta and at lower levels in liver, brain, kidney, lung and pancreas, Prickle1 is thought to function as a nuclear receptor that interacts with NRSF, a silencer protein that binds the DNA sequence element NRSE (neuron-restrictive silencer element). Defects in the gene encoding Prickle1 are associated with autosomal recessive progressive myoclonic epilepsy-1B, which is characterized by quick jerks of the arms, shoulders or legs. The gene encoding Prickle1 maps to human chromosome 12, which encodes over 1,100 genes and comprises approximately 4.5 % of the human genome.</p>
Gene ID:	144165
Pathways:	WNT Signaling , Regulation of Muscle Cell Differentiation , Tube Formation , Skeletal Muscle Fiber Development , Protein targeting to Nucleus

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.

Handling

Expiry Date: 12 months