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anti-PRICKLE1 antibody (AA 551-650) (Cy5)



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|--------|-----|-----|-----|
| | N/P | r\/ | i⊢₩ |

| Quantity: | 100 μL | |
|----------------------|---|--|
| Target: | PRICKLE1 | |
| Binding Specificity: | AA 551-650 | |
| Reactivity: | Rat | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This PRICKLE1 antibody is conjugated to Cy5 | |
| 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: | 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. | |
| | 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. | |
| | 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. | |
| 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. | |
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Expiry Date:

12 months