

Rabbit PRICKLE1 Polyclonal Antibody | anti-PRICKLE1 antibody

PRICKLE1 Antibody

CATALOG # AAA39237	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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PRODUCT SYNONYMS

PRICKLE1; Polyclonal Antibody; PRICKLE1 Antibody; RILP; EPM1B; Prickle-like protein 1; prickle homolog 1; anti-PRICKLE1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Multiple isoforms of PRICKLE1 are known to exist. PRICKLE1 antibody is predicted to not cross-react with other PRICKLE protein family members.
Purity/Purification	PRICKLE1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	831
Applicable Applications for anti-PRICKLE1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
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.
Buffer	PRICKLE1 Antibody is supplied in PBS containing 0.02% sodium azide.
Positive Control	1) Cat No. - Human Bladder Tissue
Preparation and Storage	PRICKLE1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IF (Immunofluorescence)

Immunofluorescence of PRICKLE1 in Human Bladder tissue with PRICKLE1 antibody at 20 &#956;g/mL.


IF (Immunofluorescence)

Immunofluorescence of PRICKLE1 in human bladder cells with PRICKLE1 antibody at 20 &#956;g/mL.



WB (Western Blot)
PRICKLE1 Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PRICKLE1 antibody	PRICKLE1 Antibody: 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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NCBI AND UNIPROT INFORMATION

NCBI GI #	222136684
NCBI GeneID	144165
NCBI Accession #	NP_694571
NCBI GenBank Nucleotide #	NM_001144883.1
UniProt Accession #	Q96MT3; Q14C83; Q71QF8; Q96N00
Molecular Weight	Predicted MW: 46.91 kDa Observed MW: 52.90 kDa
NCBI Official Full Name	prickle-like protein 1
NCBI Official Synonym Full Names	prickle homolog 1 (Drosophila)
NCBI Official Symbol	PRICKLE1
NCBI Official Synonym Symbols	RILP; EPM1B
NCBI Protein Information	prickle-like protein 1; prickle-like 1; REST/NRSF-interacting LIM domain protein 1; REST (RE-1 silencing transcription factor)/NRSF (neuron-restrictive silencer factor)-interacting LIM domain protein
UniProt Protein Name	Prickle-like protein 1
UniProt Gene Name	PRICKLE1
UniProt Synonym Gene Names	RILP
UniProt Entry Name	PRIC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prickle1-antibody-immunofluorescence-western-blot-elisa/39237>