

Datasheet for ABIN6991608
anti-PRICKLE4 antibody (N-Term)



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Overview

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| Quantity: | 0.1 mg |
| Target: | PRICKLE4 |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PRICKLE4 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC) |

Product Details

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| Immunogen: | PRICKLE4 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human PRICKLE4. The immunogen is located within the first 50 amino acids of PRICKLE4. |
| Isotype: | IgG |
| Specificity: | Two isoforms of PRICKLE4 are known to exist. PRICKLE4 antibody is predicted to not cross-react with other PRICKLE protein family members. |
| Purification: | PRICKLE4 Antibody is affinity chromatography purified via peptide column. |

Target Details

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| Target: | PRICKLE4 |
| Alternative Name: | PRICKLE4 (PRICKLE4 Products) |

Target Details

Background: PRICKLE4 Antibody: PRICKLE4, also known as over-expressed breast tumor protein (OBTP), is a member of the LIM family of proteins. It possesses two LIM domains as well as a PET domain and is thought to localize to the nucleus. Its expression in multiple malignant tissue differentiations indicate that it may play a role in cancer differentiation. Two other members of the LIM family, PRICKLE1 and PRICKLE2, are thought to function in the noncanonical WNT signaling pathway which regulates intracellular calcium release and planar cell polarity, suggesting the PRICKLE4 may play a similar role.

Gene ID: 29964

NCBI Accession: [NP_037529](#)

UniProt: [Q2TBC4](#)

Application Details

Application Notes: PRICKLE4 antibody can be used for detection of PRICKLE4 by Western blot at 0.25 µg/mL. Antibody can also be used for immunocytochemistry starting at 5 µg/mL. For immunofluorescence start at 5 µg/mL.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PRICKLE4 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: PRICKLE4 antibody can be stored at 4°C for three months and -20°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.