

Rabbit anti-Human PRICKLE4 Polyclonal Antibody | anti-PRICKLE4 antibody

PRICKLE4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40301	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

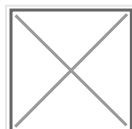
PRODUCT SYNONYMS

PRICKLE4; Polyclonal Antibody; PRICKLE4 Antibody; OBTP; OEBT; TOMM6; C6orf49; Prickle-like protein 4; Overexpressed breast tumor protein; prickle homolog 4; anti-PRICKLE4 antibody

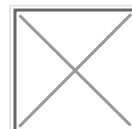
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
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.
Purity/Purification	PRICKLE4 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	384
Applicable Applications for anti-PRICKLE4 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	PRICKLE4 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human PRICKLE4.
Buffer	PRICKLE4 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	PRICKLE4 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.

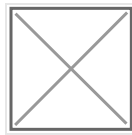
IMAGES


IF (Immunofluorescence)

Immunofluorescence of PRICKLE4 in A549 cells with PRICKLE4 antibody at 20 µg/mL.


ICC (Immunocytochemistry)

Immunocytochemistry of PRICKLE4 in A549 cells with PRICKLE4 antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of PRICKLE4 in A549 cell lysate with PRICKLE4 antibody at 0.25 μg/ml in the (A) absence and (B) presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PRICKLE4 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118722347
NCBI GeneID	29964
NCBI Accession #	NP_037529
NCBI GenBank Nucleotide #	NM_013397.5
UniProt Accession #	Q2TBC4; Q5T3D4; Q9NSV1; A2A3M0; A6PVU1; B3KQ15
Molecular Weight	41,766 Da
NCBI Official Full Name	prickle-like protein 4
NCBI Official Synonym Full Names	prickle homolog 4 (Drosophila)
NCBI Official Symbol	PRICKLE4
NCBI Official Synonym Symbols	OBTP; OEBT; TOMM6; C6orf49
NCBI Protein Information	prickle-like protein 4; overexpressed breast tumor protein; over-expressed breast tumor protein; translocase of outer mitochondrial membrane 6 homolog
UniProt Protein Name	Prickle-like protein 4
UniProt Gene Name	PRICKLE4
UniProt Synonym Gene Names	C6orf49; OEBT
UniProt Entry Name	PRIC4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/prickle4-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40301>