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anti-PRICKLE4 antibody (N-Term)



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Overview		
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), Immunocytochemistry (ICC), Immunofluorescence (IF)	
Product Details		
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		
Target:	PRICKLE4	
Alternative Name:	PRICKLE4 (PRICKLE4 Products)	

Target Details

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Background:	PRICKLE4 Antibody: PRICKLE4, also known as over-expressed breast tumor protein (OBTP), is		
	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 μ,g/mL.		
	Antibody can also be used for immunocytochemistry starting at 5 μ,g/mL. For		
	immunofluorescence start at 5 μ,g/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.		