antibodies -online.com





anti-DKK4 antibody (C-Term)

2 Images



Go to Product page

Overview	
Quantity:	400 μL
Target:	DKK4
Binding Specificity:	AA 188-217, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DKK4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This DKK4 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 188-217 amino acids from the C-terminal region of human DKK4.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	DKK4
Alternative Name:	DKK4 (DKK4 Products)
Background:	DKK4, like DKK1, DKK2, and DKK3, possesses an N-terminal signal peptide and 2 conserved
	cysteine-rich domains, which are separated by a linker region and contain 10 cysteine residues
	each. The second cysteine region has a putative lipid-binding function that may facilitate

WNT/DKK interactions at the plasma membrane. The linker region contains 50 to 55 amino		
acids in DKK1, DKK2, and DKK4, whereas in DKK3 it contains only 12 amino acids. All DKKs		
have several potential sites for cleavage by furin-type proteases. Northern blot analysis		
detected no expression of DKK4, but RT-PCR analysis detected DKK4 expression in cerebellum,		
T-cell, esophagus, and lung cDNA libraries. DKK4 blocks Xenopus Wnt8, Wnt3a, and Wnt2b, but		
not Dsh or Fz8, induction of a secondary axis in frog embryos, indicating that DKKs antagonize		
WNT function upstream of WNT receptors.		

Molecular Weight:	25 kDa
Gene ID:	27121
UniProt:	Q9UBT3
Pathways:	WNT Signaling

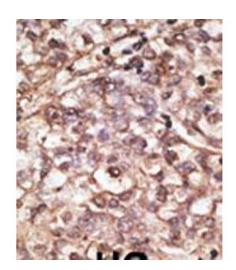
Application Details

Application Notes:	For WB starting dilution is: 1:1000
	For IHC-P starting dilution is: 1:50~100

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	Store 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.



Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. BC = breast carcinoma; HC = hepatocarcinoma.



Western Blotting

Image 2. Antibody is used in Western blot to detect DKK4 in A375 cell lysate.