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anti-CSNK1A1 antibody (C-Term)

Images



Publication



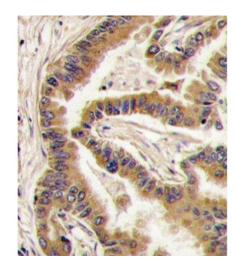
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Overview			
Quantity:	400 μL		
Target:	CSNK1A1		
Binding Specificity:	AA 309-337, C-Term		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This CSNK1A1 antibody is un-conjugated		
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))		
Product Details			
Immunogen:	This CSNK1A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic		
	peptide between 309-337 amino acids from the C-terminal region of human CSNK1A1.		
Clone:	RB00886		
Isotype:	Ig Fraction		
Predicted Reactivity:	C, X		
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.		
Target Details			
Target:	CSNK1A1		

Target Details

Alternative Name:	CK1a (CSNK1A1 Products)	
Background:	Casein kinases are operationally defined by their preferential utilization of acidic proteins such	
	as caseins as substrates. CK1a can phosphorylate a large number of proteins. This	
	cytoplasmic protein participates in Wnt signaling. It has been demonstrated to phosphorylate	
	CTNNB1 on Ser-45 and to interact with the Axin complex.	
Molecular Weight:	38915	
Gene ID:	1452	
NCBI Accession:	NP_001020276, NP_001258670, NP_001258671, NP_001883	
UniProt:	P48729	
Pathways:	WNT Signaling, Hedgehog Signaling	
Application Details		
Application Notes:	WB: 1:1000. IHC-P: 1:10~50	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	
Publications		
	Polomini Vittori Montrogor Ciagulli Stounton Dogoi Mortinella Constantin Loudoure "	
Product cited in:	Bolomini-Vittori, Montresor, Giagulli, Staunton, Rossi, Martinello, Constantin, Laudanna: " Pagulation of conformer-specific activation of the integrin LEA-1 by a chemoking-triggered Pho	
	Regulation of conformer-specific activation of the integrin LFA-1 by a chemokine-triggered Rho	
	signaling module." in: Nature immunology , Vol. 10, Issue 2, pp. 185-94, (2009) (PubMed).	

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with CK1a antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of anti-CK1a Pab (ABIN391597 and ABIN2841524) in cell lysate. CK1a (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.