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anti-MARK3 antibody (C-Term)

2 Images



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Overview			
Quantity:	400 μL		
Target:	MARK3		
Binding Specificity:	AA 570-601, C-Term		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This MARK3 antibody is un-conjugated		
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))		
Product Details			
Immunogen:	This MARK3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 570-601 amino acids from the C-terminal region of human MARK3.		
Clone:	RB2525		
Isotype:	Ig Fraction		
Predicted Reactivity:	M, Rat		
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.		
Target Details			
Target:	MARK3		
Alternative Name:	MARK3 (MARK3 Products)		

Target Details

Storage Comment:

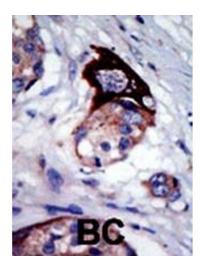
Expiry Date:

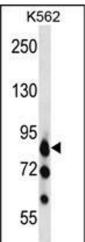
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Background:	MARK proteins are involved in the specific phosphorylation of microtubule-associated proteins for tau, MAP2, and MAP4. MARK3 was originally identified as a marker that was induced by treatment with DNA damaging agents, and loss of MARK3 was found with carcinogenesis in the pancreas. MARK3 may be involved in cell cycle regulation, and alterations in the MARK3 gene may lead to carcinogenesis.	
Molecular Weight:	84429	
Gene ID:	4140	
NCBI Accession:	NP_001122390, NP_001122391, NP_001122392, NP_001122393, NP_002367	
UniProt:	P27448	
Pathways:	SARS-CoV-2 Protein Interactome	
Application Details		
Application Notes:	WB: 1:1000. IHC-P: 1:50~100	
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	

aliquots to prevent freeze-thaw cycles.

6 months

Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small





Immunohistochemistry (Paraffin-embedded Sections)

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 AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Western Blotting

Image 2. RK3 Antibody (ABIN391339 and ABIN2841362) western blot analysis in K562 cell line lysates (35 μ g/lane). This demonstrates the RK3 antibody detected the RK3 protein (arrow).