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anti-HOOK3 antibody (N-Term)



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Alternative Name:

Quantity:	0.1 mg	
Target:	HOOK3	
Binding Specificity:	AA 210-260, N-Term	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This HOOK3 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffinembedded Sections) (IHC (p))	
Product Details		
Immunogen:	HOOK3 antibody was raised against a 19 amino acid peptide from near the amino terminus of human HOOK3. The immunogen is located within amino acids 210 - 260 of HOOK3.	
Isotype:	IgG	
Specificity:	HOOK3 antibody is human, mouse and rat reactive. HOOK3 antibody is predicted to not cross-react with HOOK1 and HOOK2.	
Purification:	HOOK3 Antibody is affinity chromatography purified via peptide column.	
Target Details		
Target:	HOOK3	

HOOK3 (HOOK3 Products)

Target Details

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Background:	The HOOK proteins (HOOK1, HOOK2 and HOOK3) comprise a family of cytosolic coiled-coil		
	proteins that contain conserved N-terminal domains, which attach to microtubules mediating		
	the spatial organization of diverse membrane-trafficking systems, their more divergent C-		
	terminal domains mediate binding to organelles (1,2). HOOK3 exists as a homodimer and		
	participates in defining the architecture and localization of the Golgi complex through its centra		
	coiled-coil domain (3). HOOK3 may regulate clearance of endocytosed receptors such as MSR1		
	(3,4).		
Molecular Weight:	Predicted: 79 kDa		
	Observed: 77 kDa		
Gene ID:	84376		
NCBI Accession:	NP_115786		
UniProt:	Q86VS8		
Pathways:	Stem Cell Maintenance, Maintenance of Protein Location		
Application Details			
Application Notes:	HOOK3 antibody can be used for the detection of HOOK3 by Western blot at 1 - 2 μ ,g/mL.		
	Antibody can also be used for immunohistochemistry at 10 μ,g/mL.		
	Antibody validated: Western Blot in mouse samples, Immunohistochemistry in mouse samples		
	and Immunofluorescence in mouse samples. All other applications and species not yet tested.		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	1 mg/mL		
Buffer:	HOOK3 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:

HOOK3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.