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anti-PI4K2A antibody (N-Term)



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Quantity:	100 μg	
Target:	PI4K2A	
Binding Specificity:	N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PI4K2A antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA	
Product Details		
Immunogen:	Immunogen: Anti-PI4KII alpha affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide at the N-terminal of human P4K2A protein. Immunogen Type: Peptide	
Isotype:	IgG	
Cross-Reactivity (Details):	A BLAST analysis was used to suggest cross-reactivity with human, mouse, and rat based on 100% sequence homology. Cross-reactivity with PI4KII alpha from other sources has not been determined.	
Purification:	Anti-PI4KII alpha was affinity purified from monospecific antiserum by immunoaffinity chromatography.	

Target Details

Target:	PI4K2A		
Alternative Name:	PI4KII alpha (PI4K2A Products)		
Background:	Synonyms: Phosphatidylinositol 4-kinase type 2-alpha, PI4K2A, PIP4K2A		
	Background: PI4KII alpha contributes to the overall PI4-kinase activity of the cell. It contributes		
	to the production of InsP3 in stimulated cells. A member of PI3/PI4-kinase family, PI4KII alpha		
	is widely expressed with the highest amount of expression in the kidney, brain, heart, skeletal		
	muscle, and placenta. It is associated with the BLOC-1 and AP-3 complexes. Anti-PI4KII alpha		
	antibody is ideal for investigators interested in Kinase and Phosphatase Antibodies.		
	Gene Name: PI4K2A		
Pathways:	Inositol Metabolic Process, Synaptic Membrane		
Application Details			
Application Notes:	Application Note: Anti-PI4KII alpha antibody is useful for ELISA, Immunohistochemistry, and		
	Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a		
	band approximately $\sim\!54$ kDa corresponding to the appropriate cell lysate or extract.		
	Western Blot Dilution: 1 μg/mL		
	ELISA Dilution: 1: 10,000		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	0.31 mg/mL		
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2		
	Stabilizer: 50 % (v/v) Glycerol		
Storage:	4 °C,-20 °C		
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended		
	storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after		
	standing at room temperature. This product is stable for several weeks at 4° C as an undiluted		
	liquid. Dilute only prior to immediate use.		
Expiry Date:	12 months		