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## PDPK1 Polyclonal antibody Catalog Number: 17086-1-AP Featured Product

Featured Product 13 Publications



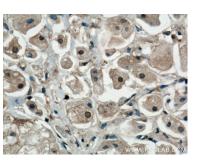
Basic Information	Catalog Number: 17086-1-AP	GenBank Accession Number: BC012103	Purification Method: Antigen affinity purification
	Size:	GenelD (NCBI):	Recommended Dilutions:
	150ul , Concentration: 400 ug/ml by	5170	WB 1:500-1:2000
	Nanodrop and 233 ug/ml by Bradford	UNIPROT ID:	IHC 1:50-1:500
	method using BSA as the standard;	015530	
	Source: Rabbit	Full Name:	
		3-phosphoinositide dependent	
	Isotype: IgG Immunogen Catalog Number: AG9213	protein kinase-1	
		Calculated MW: 556 aa, 63 kDa	
		Observed MW: 60-63 kDa	
Applications	Tested Applications:	Positive Controls:	
	WB, IHC, ELISA	WB: MCF-	7 cells, LNCaP cells
	Cited Applications: WB, IHC, IF	IHC : human breast cancer tissue,	
	Species Specificity: human		
	Cited Species: human, mouse		
	Note-IHC: suggested antigen ra TE buffer pH 9.0; (*) Alternativ retrieval may be performed w buffer pH 6.0	vely, antigen	
	bajjer pri 0.0		
Background Information	3-Phosphoinositide dependent protei kinase family. PDK1 plays a critical r 27184845). The kinase activity of PDI signaling pathways including those f including AKT and the protein kinase	ole in establishing ACD (Asymmet K1 depends on phosphatidyl inosit rom growth factor receptors and ac C (PKC) isozymes, regulate a num	rine-threonine kinase belonging to AGC tric cell division) in the epithelium (PMID ol 3-kinase (PI3K), a key intermediate in Jhesion molecules. Substrates of PDK1, ber of essential cell functions (PMID: 3~63 kDa and is detected as 60-63 kDa.
	3-Phosphoinositide dependent protei kinase family. PDK1 plays a critical ro 27184845). The kinase activity of PDI signaling pathways including those fi including AKT and the protein kinase 20027184). PDPK1 has 5 isoforms pro	ole in establishing ACD (Asymmet K1 depends on phosphatidyl inosit rom growth factor receptors and ac C (PKC) isozymes, regulate a num	rric cell division) in the epithelium (PMID ol 3-kinase (PI3K), a key intermediate in Ihesion molecules. Substrates of PDK1, ber of essential cell functions (PMID: 3-63 kDa and is detected as 60-63 kDa.
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## Selected Validation Data





MCF-7 cells were subjected to SDS PAGE followed by western blot with 17086-1-AP (PDPK1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. Immunohistochemical analysis of paraffinembedded human breast cancer tissue slide using 17086-1-AP (PDPK1 antibody) at dilution of 1:100 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). Immunohistochemical analysis of paraffinembedded human breast cancer tissue slide using 17086-1-AP (PDPK1 antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).