

For Research Use Only

# PI3 Kinase p110 Alpha Recombinant antibody, PBS Only



Catalog Number: 82796-4-PBS

## Basic Information

<b>Catalog Number:</b> 82796-4-PBS	<b>GenBank Accession Number:</b> BC113601	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 5290	<b>CloneNo.:</b> 1B4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P42336	
<b>Isotype:</b> IgG	<b>Full Name:</b> phosphoinositide-3-kinase, catalytic, alpha polypeptide	
<b>Immunogen Catalog Number:</b> AG16586	<b>Calculated MW:</b> 1068 aa, 124 kDa	
	<b>Observed MW:</b> 110 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human, mouse, rat

## Background Information

PIK3CA belongs to the PI3/PI4-kinase family. It phosphorylates PtdIns, PtdIns4P and PtdIns(4,5)P2 with a preference for PtdIns(4,5)P2. Defects in PIK3CA are associated with colorectal cancer (CRC). Defects in PIK3CA are associated with breast cancer. Defects in PIK3CA are associated with ovarian cancer. Defects in PIK3CA may underlie hepatocellular carcinoma (HCC). Defects in PIK3CA are a cause of keratosis seborrheic (KERSEB).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:

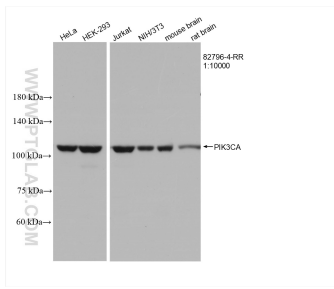
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82796-4-RR (PIK3CA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82796-4-PBS in a different storage buffer formulation.