

For Research Use Only

# ADCK5 Polyclonal antibody, PBS Only

Catalog Number:17579-1-PBS



## Basic Information

<b>Catalog Number:</b> 17579-1-PBS	<b>GenBank Accession Number:</b> BC031570	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 203054	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q3MIX3	
<b>Isotype:</b> IgG	<b>Full Name:</b> aarF domain containing kinase 5	
<b>Immunogen Catalog Number:</b> AG11094	<b>Calculated MW:</b> 66 kDa	
	<b>Observed MW:</b> 66 kDa	

## Applications

**Tested Applications:**  
WB, IHC, Indirect ELISA

**Species Specificity:**  
human, mouse

## Background Information

ADCK5 (AarF Domain Containing Kinase 5) is a protein kinase belonging to the ADCK protein family. Named for its AarF domain, this family plays important roles in cellular energy metabolism and mitochondrial function regulation. ADCK5 is primarily expressed in human tissues and participates in the biosynthesis of Coenzyme Q (CoQ). CoQ is a critical component of the mitochondrial electron transport chain, essential for cellular energy production. ADCK5 contains ubiquitination modification sites, and the experimentally detected molecular weight may range between 65-75 kDa.

## Storage

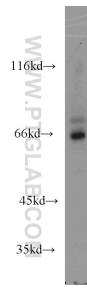
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

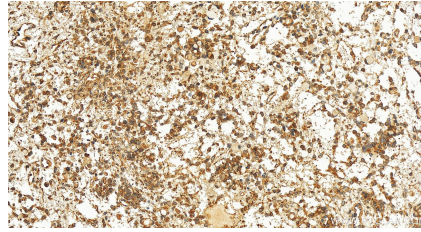
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 17579-1-AP (ADCK5 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17579-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 17579-1-AP (ADCK5 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 17579-1-PBS in a different storage buffer formulation.