

For Research Use Only

ADCK5 Polyclonal antibody, PBS Only

Catalog Number:17579-1-PBS



Basic Information

Catalog Number:

17579-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11094

GenBank Accession Number:

BC031570

GeneID (NCBI):

203054

UNIPROT ID:

Q3MIX3

Full Name:

aarF domain containing kinase 5

Calculated MW:

66 kDa

Observed MW:

66 kDa

Purification Method:

Antigen affinity purification

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

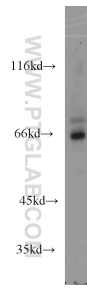
T: 4006900926

E: Proteintech-CN@ptglab.com

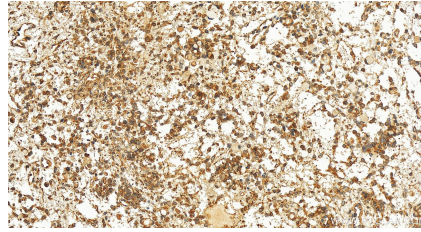
W: ptgcn.com

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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.