

For Research Use Only

PRKX/PRKY Polyclonal antibody

Catalog Number: 17985-1-AP



Basic Information

Catalog Number:

17985-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 207 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12404

GenBank Accession Number:

BC074852

GeneID (NCBI):

5616

UNIPROT ID:

P51817

Full Name:

protein kinase, Y-linked

Calculated MW:

277 aa, 32 kDa

Observed MW:

41 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB: A549 cells, MCF-7 cells, NIH/3T3 cells

Background Information

PRKY is a member of the cAMP-dependent serine-threonine protein kinase gene family, which appears to encode a protein related to the catalytic subunit of the cAMP-dependent protein kinases, which are key players in the cellular responses to the second messenger cAMP. A chromosomal aberration involving PRKY is a cause of sex reversal disorder. As a homolog with PRKX, the antibody can recognize endogenous levels of PRKY and PRKX.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

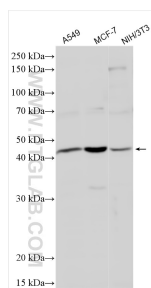
For technical support and original validation data for this product please contact:

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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 17985-1-AP (PRKX/PRKY antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.