

For Research Use Only

Hexokinase 2 Recombinant antibody

Catalog Number: 85875-1-RR



Basic Information

Catalog Number:

85875-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16895

GenBank Accession Number:

BC021116

GeneID (NCBI):

3099

UNIPROT ID:

P52789

Full Name:

hexokinase 2

Calculated MW:

102 kDa

Observed MW:

102-120 kDa

Purification Method:

Protein A purification

CloneNo.:

250190C10

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, mouse heart tissue, Jurkat cells, MCF-7 cells, SH-SY5Y cells, HCT 116 cells, mouse skeletal muscle tissue

Background Information

Hexokinase 2 (HK2), a rate-limiting enzyme in the first step of glycolysis pathway, expresses at high level in cancer cells compared with normal cells. HK2 provides a new target for cancer therapy due to its pivotal role in tumor tumorigenic and metastatic process. HK1 is constitutively expressed in most mammalian adult tissues. HK2, however, although is abundantly expressed in embryonic tissues, is expressed at high levels only in limited number of adult tissues such as adipose, skeletal, and cardiac muscles. (PMID: 29305912, PMID: 28427443, PMID: 23911236).

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

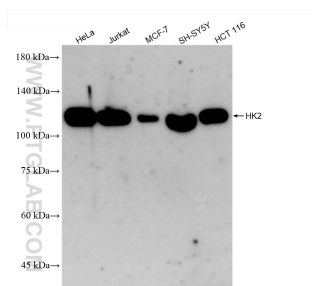
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85875-1-RR (Hexokinase 2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.