

GALK1 Polyclonal antibody

Catalog Number: 15284-1-AP

Featured Product

2 Publications

Basic Information

Catalog Number:

15284-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7403

GenBank Accession Number:

BC001166

GeneID (NCBI):

2584

UNIPROT ID:

P51570

Full Name:

galactokinase 1

Calculated MW:

42 kDa

Observed MW:

42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, pig

Note-IHC: suggested antigen retrieval with *TE buffer pH 9.0*; (*) Alternatively, antigen retrieval may be performed with *citrate buffer pH 6.0*

Positive Controls:

WB : MCF-7 cells, mouse heart tissue, Y79 cells

IHC : human breast cancer tissue,

IF/ICC : MCF-7 cells,

Background Information

GALK1, also named as GALK, belongs to the GHMP kinase family and GalK subfamily. GALK1, located on chromosome 17q24, encodes galactokinase and is involved in galactose metabolism (PMID: 32807972). The molecular weight of GALK1 is 42 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Gek San Tan	24946162	J Proteome Res	WB
Demin Cai	27250629	Eur J Nutr	WB

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

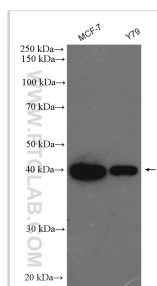
For technical support and original validation data for this product please contact:

T: 4006900926

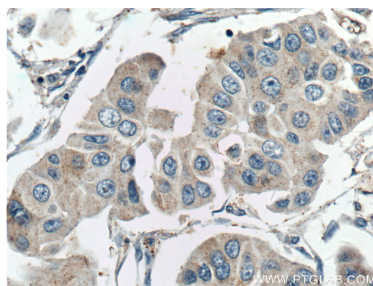
E: Proteintech-CN@ptglab.comW: ptgcn.com

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

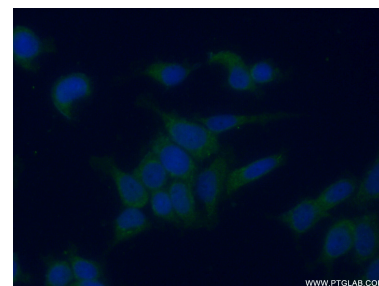
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15284-1-AP (GALK1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15284-1-AP (GALK1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 15284-1-AP (GALK1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).