

For Research Use Only

# GALK1 Polyclonal antibody

Catalog Number: 15284-1-AP

Featured Product

2 Publications



## Basic Information

<b>Catalog Number:</b> 15284-1-AP	<b>GenBank Accession Number:</b> BC001166	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 550 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2584	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> galactokinase 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 42 kDa	
<b>Immunogen Catalog Number:</b> AG7403	<b>Observed MW:</b> 42 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : MCF-7 cells, mouse heart tissue, Y79 cells IHC : human breast cancer tissue, IF : MCF-7 cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, pig	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

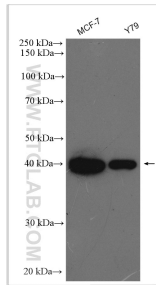
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

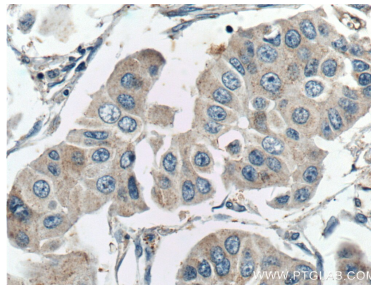
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

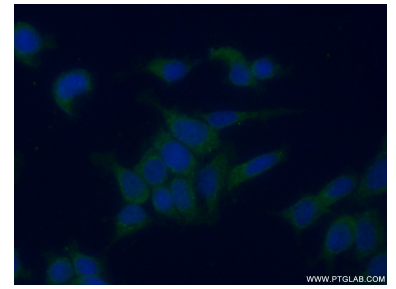
## Selected Validation Data



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).