

For Research Use Only

TBC1D23 Monoclonal antibody

Catalog Number: 68409-1-Ig



Basic Information

Catalog Number:

68409-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG10727

GenBank Accession Number:

BC010221

GeneID (NCBI):

55773

UNIPROT ID:

Q9NUY8

Full Name:

TBC1 domain family, member 23

Calculated MW:

699 aa, 78 kDa

Observed MW:

78 kDa

Purification Method:

Protein A purification

CloneNo.:

2A12A7

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat, pig

Positive Controls:

WB : U2OS cells, LNCaP cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells, pig brain tissue

Background Information

TBC1D23, also named as NS4ATP1, is a gene down-regulated by Pneumocystis infection. Pneumocystis pneumonia is a common opportunistic disease in AIDS patients. (PMID: 20377877) Recently it has been found that TBC1D23 gene is the most frequently mutated in MSI-H cell lines and protein expressions of TBC1D23 in tumors with mutation were down regulated.(PMID: 20824714)

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:

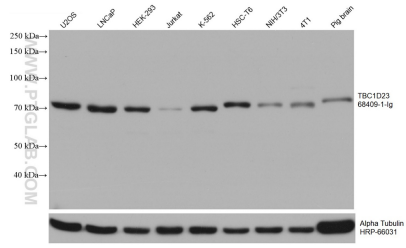
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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 68409-1-Ig (TBC1D23 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.