

# TRPC4AP Monoclonal antibody

Catalog Number: 66138-1-Ig

## Basic Information

Catalog Number:

66138-1-Ig

Size:

1500 µg/ml

Source:

Mouse

Isotype:

IgG3

Immunogen Catalog Number:

AG18772

GenBank Accession Number:

BC013144

GeneID (NCBI):

26133

UNIPROT ID:

Q8TEL6

Full Name:

transient receptor potential cation channel, subfamily C, member 4 associated protein

Calculated MW:

797 aa, 91 kDa

Observed MW:

82 kDa

Purification Method:

Protein A purification

CloneNo.:

2C10B1

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

## Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human

**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 : human brain tissue, human heart tissue

IHC : human breast cancer tissue, human liver tissue

## Background Information

TRPC4AP, also named as C20orf188 and TRRP4AP, is a substrate-specific adapter of a DCX (DDB1-CUL4-X-box) E3 ubiquitin-protein ligase complex required for cell cycle control. TRPC4AP participates in the activation of NFκB1 in response to ligation of TNFRSF1A, possibly by linking TNFRSF1A to the IKK signalosome. The calculated molecular weight of TRPC4AP is 91 kDa. Western blot analysis detected a protein of about 82 kDa expressed in several mouse cell lines and in a human promonocytic cell line.

## 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:

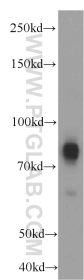
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

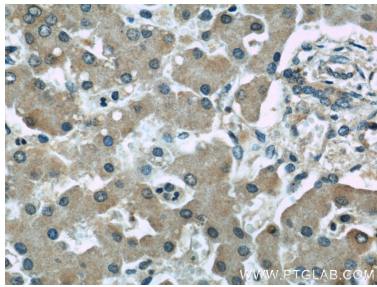
W: [ptgcn.com](http://ptgcn.com)

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

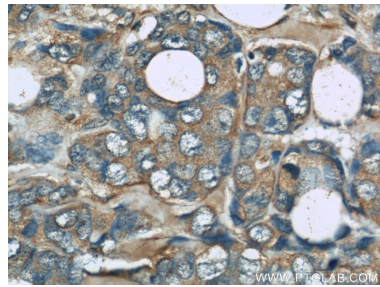
Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 66138-1-Ig (TRPC4AP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver using 66138-1-Ig(TRPC4AP antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer slide using 66138-1-Ig (TRPC4AP Antibody) at dilution of 1:50.