

For Research Use Only

TRPC4AP Polyclonal antibody

Catalog Number: 29310-1-AP



Basic Information

Catalog Number:

29310-1-AP

Size:

150ul, Concentration: 380 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29860

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:

85-90 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IP, 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 : HepG2 cells, HuH-7 cells

IP : HepG2 cells,

IHC : human ovary cancer tissue, human colon cancer 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 NFkB1 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

*** 20ul sizes contain 0.1% BSA

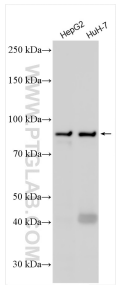
For technical support and original validation data for this product please contact:

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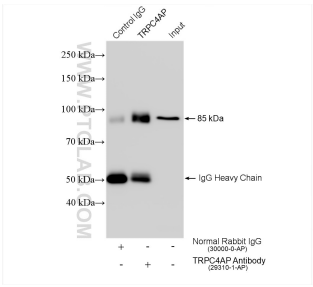
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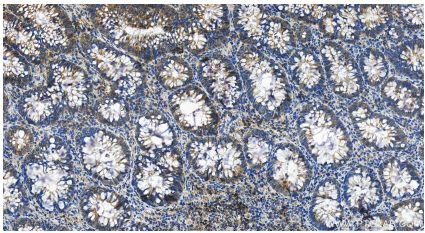
Selected Validation Data



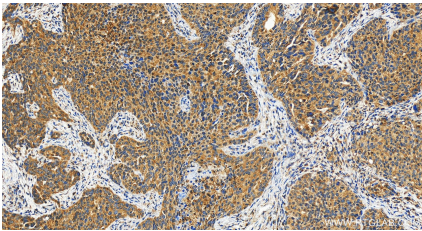
Various lysates were subjected to SDS PAGE followed by western blot with 29310-1-AP (TRPC4AP antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-TRPC4AP (IP:29310-1-AP, 4ug; Detection:29310-1-AP 1:800) with HepG2 cells lysate 2040 ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 29310-1-AP (TRPC4AP antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 29310-1-AP (TRPC4AP antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).