

For Research Use Only

DAB2IP Polyclonal antibody

Catalog Number: 30020-1-AP



Basic Information

Catalog Number:

30020-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31340

GenBank Accession Number:

BC146762

GeneID (NCBI):

153090

UNIPROT ID:

Q5VWQ8

Full Name:

DAB2 interacting protein

Calculated MW:

1189 aa, 132 kDa

Observed MW:

125-132 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

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

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, HepG2 cells, rat brain tissue

IP : 4T1 cells,

Background Information

Disabled homolog 2-interacting protein (DAB2IP) is also named as ASK-interacting protein 1 (AIP-1). DAB2IP, is a new member of the Ras GTPase-activating protein family. It interacts directly with DAB2 and has distinct cellular functions such as modulating different signal cascades associated with cell proliferation, survival, apoptosis and metastasis. The aberrant alteration of DAB2IP in cancer is caused by a variety of mechanisms, including the aberrant promoter methylation, histone deacetylation, and others (PMID: 26658103). DAB2IP is reported to bind with Apoptosis signal-regulating kinase 1 (ASK1), and is called ASK1 Interacting Protein (AIP1) (PMID: 12813029). DAB2IP function is that of a tumor suppressor in tumor cell growth, metastasis, and other aspects in cancer progression. In prostate cancer, DAB2IP expression was repressed by promoter methylation and histone modification (PMID: 12446720, PMID: 15817459).

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:

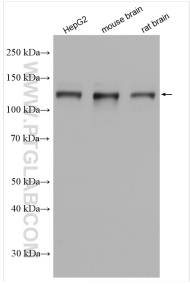
T: 4006900926

E: Proteintech-CN@ptglab.com

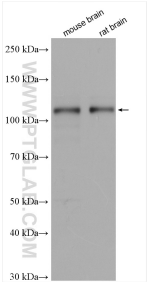
W: ptgcn.com

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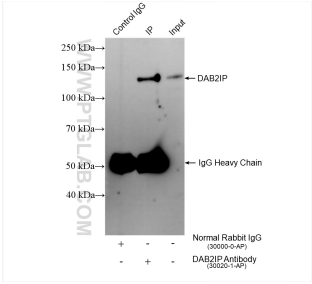
Selected Validation Data



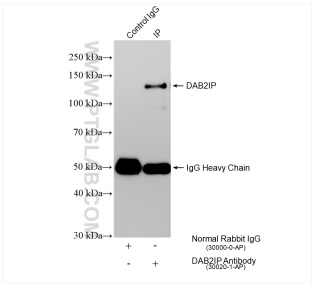
Various lysates were subjected to SDS PAGE followed by western blot with 30020-1-AP (DAB2IP antibody) at dilution of 1:12000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 30020-1-AP (DAB2IP antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP result of anti-DAB2IP (IP:30020-1-AP, 4ug; Detection:30020-1-AP 1:6000) with 4T1 cells lysate 2800 ug.



IP result of anti-DAB2IP (IP:30020-1-AP, 4ug; Detection:30020-1-AP 1:6000) with 4T1 cells lysate 4800 ug.