

For Research Use Only

DAB2IP Polyclonal antibody

Catalog Number:30020-1-AP



Basic Information

Catalog Number: 30020-1-AP	GenBank Accession Number: BC146762	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 153090	Recommended Dilutions: WB 1:1000-1:8000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	UNIPROT ID: Q5VWQ8	
Isotype: IgG	Full Name: DAB2 interacting protein	
Immunogen Catalog Number: AG31340	Calculated MW: 1189 aa, 132 kDa	
	Observed MW: 125-132 kDa	

Applications

Tested Applications: WB, IP, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	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

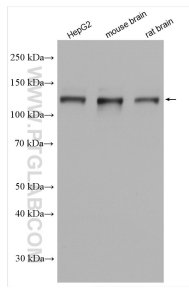
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

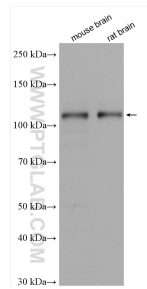
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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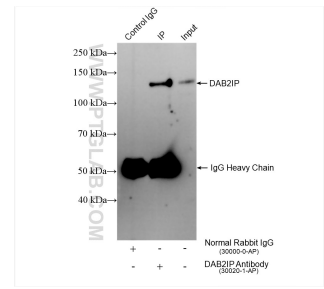
Selected Validation Data



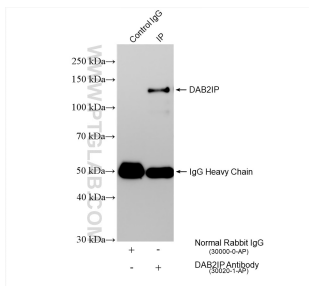
Various lysates were subjected to SDS PAGE followed by western blot with 30020-1-AP (DAB2IP antibody) at dilution of 1:12000 incubated at room temperature for 1.5 hours.



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.