

For Research Use Only

TAX1BP3 Polyclonal antibody

Catalog Number: 11692-1-AP 1 Publications



Basic Information

Catalog Number: 11692-1-AP	GenBank Accession Number: BC023980	Purification Method: Antigen affinity purification
Size: 1400 µg/ml	GeneID (NCBI): 30851	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: O14907	
Isotype: IgG	Full Name: Tax1 (human T-cell leukemia virus type I) binding protein 3	
Immunogen Catalog Number: AG2306	Calculated MW: 124 aa, 14 kDa	
	Observed MW: 15-17 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB, IHC	WB: HeLa cells, NIH/3T3 cells, mouse kidney tissue, rat kidney tissue
Species Specificity: human, mouse, rat	IHC: human colon tissue, human kidney tissue
Cited Species: human, mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Tax-interacting protein 1 (TIP-1, also known as Tax1bp3 or glutaminase-interacting protein, GIP) is unique in its simple structure, a single PDZ domain is the only functional and structural unit identified so far in this small PDZ protein (124 amino acids in human and mouse). High level of TIP-1 expression was detected in human invasive breast cancer cells and that is important for tumor cell adhesion, migration and pulmonary metastasis. However, the precise biological effects of TIP-1 and its functional mechanisms have largely remained elusive. Mutation of TAX1BP3 can cause Dilated Cardiomyopathy with Septo-Optic Dysplasia (PMID: 25645515).

Notable Publications

Author	Pubmed ID	Journal	Application
Sixu Wang	37209886	Gene	WB,IHC

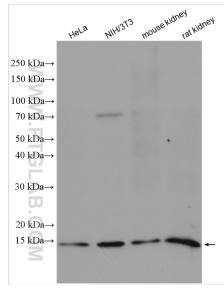
Storage

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

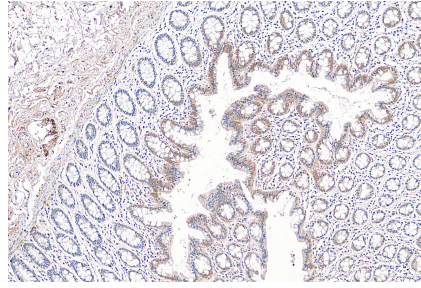
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11692-1-AP (TAX1BP3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 11692-1-AP (TAX1BP3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).