

For Research Use Only

TRIB1 Polyclonal antibody

Catalog Number: 27899-1-AP



Basic Information

Catalog Number: 27899-1-AP	GenBank Accession Number: BC063292	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 990 ug/ml by Nanodrop;	GeneID (NCBI): 10221	Recommended Dilutions: WB: 1:1000-1:8000 IHC: 1:50-1:500
Source: Rabbit	UNIPROT ID: Q96RU8	
Isotype: IgG	Full Name: tribbles homolog 1 (Drosophila)	
Immunogen Catalog Number: AG27541	Calculated MW: 372 aa, 41 kDa	
	Observed MW: 41 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : MDA-MB-231 cells, IHC : human prostate cancer tissue,

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

TRIB1, a pseudokinase encoded by the tribbles homolog 1 gene, regulates hepatic lipogenesis and lipid metabolism by modulating C/EBPa degradation, thereby influencing plasma lipid profiles and atherosclerotic risk. It is expressed in macrophages and vascular smooth muscle cells, linking metabolic and inflammatory pathways in cardiometabolic disorders (PMID: 26517927, PMID: 40331689).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

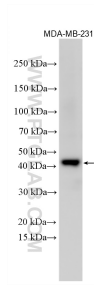
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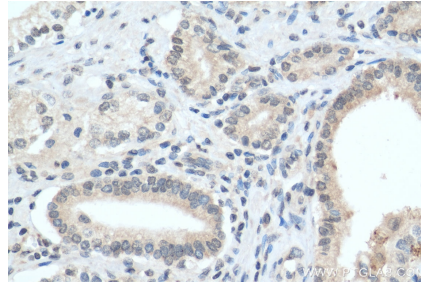
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Selected Validation Data



MDA-MB-231 cells were subjected to SDS PAGE followed by western blot with 27899-1-AP (TRIB1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 27899-1-AP (TRIB1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).