

SAV1 Polyclonal antibody

Catalog Number: 32277-1-AP

Basic Information

Catalog Number: 32277-1-AP	GenBank Accession Number: BC020537	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 350 ug/ml by Nanodrop;	GeneID (NCBI): 60485	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9H4B6	IHC 1:50-1:500
Isotype: IgG	Full Name: salvador homolog 1 (Drosophila)	IF/ICC 1:50-1:500
Immunogen Catalog Number: AG36278	Calculated MW: 383 aa, 45 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HT-29 cells, HUVEC cells, U2OS cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse kidney tissue, rat kidney tissue
	IF/ICC : A549 cells,

Background Information

The Salvador family WW domain-containing 1 (SAV1, also known as WW45) is a human homologue of Salvador that contains two protein-protein interaction modules known as WW domains and acts as a scaffolding protein (PMID: 28618450). SAV1 belongs to the core kinase components of Hippo signalling pathway for efficient MST1/2 activation. SAV1 represses the growth of colorectal cancer cells by inactivating Akt-mTOR signalling in a YAP-dependent manner (PMID: 29063833, 22185343).

Storage

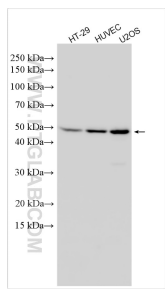
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

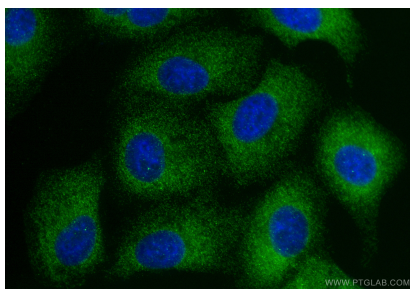
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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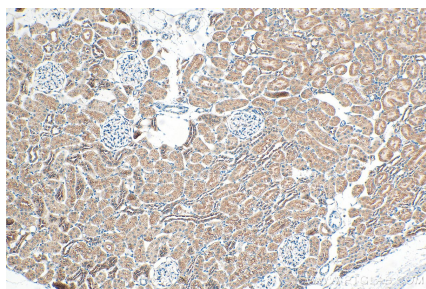
Selected Validation Data



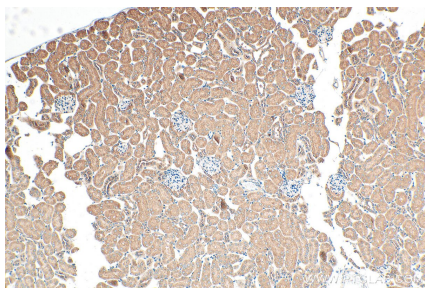
Various lysates were subjected to SDS PAGE followed by western blot with 32277-1-AP (SAV1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using SAV1 antibody (32277-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 32277-1-AP (SAV1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 32277-1-AP (SAV1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).