

# SAV1 Polyclonal antibody

Catalog Number: 32277-1-AP

## Basic Information

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

## Applications

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

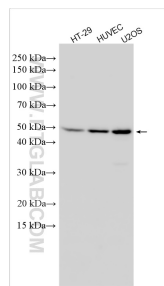
## Background Information

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).

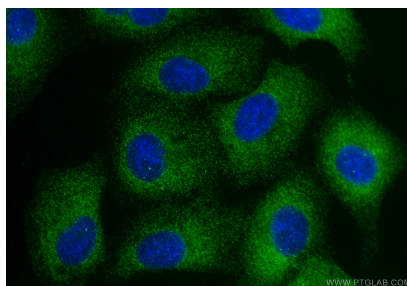
## Storage

**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**

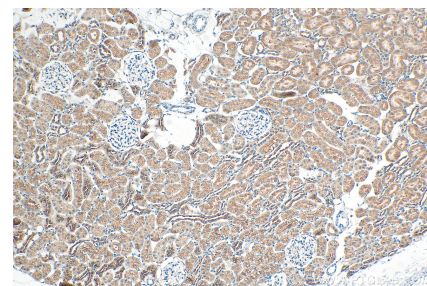
## Selected Validation Data



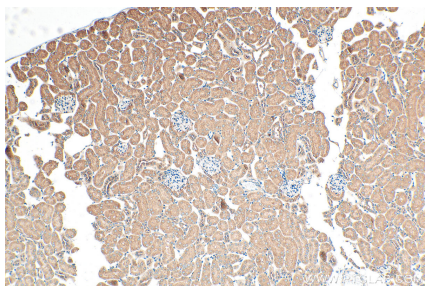
Various lysates were subjected to SDS PAGE followed by western blot with 32277-1-AP (SAV1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).