

## ARG45262 anti-SAV1 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Polyclonal antibody recognizes SAV1
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	SAV1
Species	Human
Immunogen	Recombinant protein containing to human SAV1.
Conjugation	Un-conjugated
Alternate Names	SAV1; Salvador Family WW Domain Containing Protein 1; WW45; WWP4; WW Domain-Containing Adaptor 45; Protein Salvador Homolog 1; 45 KDa WW Domain Protein; Salvador; HWW45; Salvador Homolog 1 (Drosophila); Salvador Homolog 1; 1700040G09Rik; SAV

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	45 kDa	

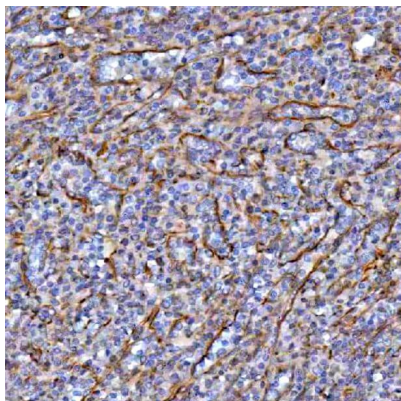
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

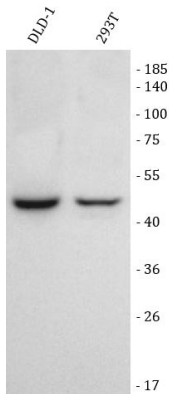
Gene Symbol	SAV1
Gene Full Name	Salvador Family WW Domain Containing Protein 1
Background	WW domain-containing proteins are found in all eukaryotes and play an important role in the regulation of a wide variety of cellular functions such as protein degradation, transcription, and RNA splicing. This gene encodes a protein with two WW domains, a SARAH domain, and a coiled-coil region and is ubiquitously expressed in adult tissues. This protein binds to MST1 (mammalian sterile 20-like kinase 1) and promotes MST1-induced apoptosis. It has also been shown to bind to HAX1 (hematopoietic cell-specific protein 1 (HS1)-associated protein X-1) and to attenuate the anti-apoptotic effects of HAX1. Studies in human and mouse suggest this gene acts as a tumor suppressor. [provided by RefSeq, Aug 2012]
Function	Regulator of STK3/MST2 and STK4/MST1 in the Hippo signaling pathway which plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. [UniProt]
Calculated Mw	45 kDa
PTM	Phosphoprotein. [UniProt]
Cellular Localization	Cytoplasm; Nucleus. [UniProt]

Images



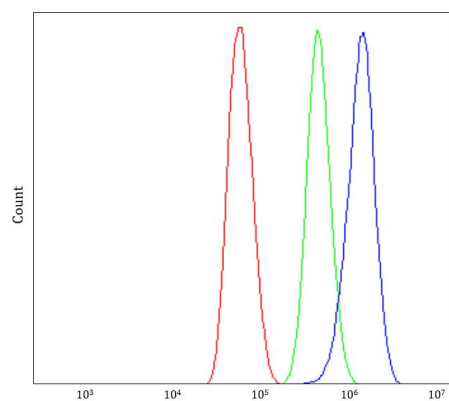
ARG45262 anti-SAV1 antibody IHC-P image

Immunohistochemistry: Human spleen stained with ARG45262 anti-SAV1 antibody at 2 µg/ml dilution.



ARG45262 anti-SAV1 antibody WB image

Western blot: DLD-1 and 293T stained with ARG45262 anti-SAV1 antibody at 0.5 µg/ml dilution.



#### ARG45262 anti-SAV1 antibody FACS image

Flow Cytometry: U87 stained with ARG45262 anti-SAV1 antibody at  $1 \mu\text{g}/10^6$  cells dilution.