



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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Product Number	ARP57562_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/sav1-antibody-c-terminal-region-hrp-arp57562-p050-hrp.html">www.avivasysbio.com/sav1-antibody-c-terminal-region-hrp-arp57562-p050-hrp.html</a>
Name	Sav1 Antibody - C-terminal region : HRP (ARP57562_P050-HRP)
Protein Size (# AA)	386 amino acids
Molecular Weight	42kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	64010
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Alias Symbols	Sav, Salv, WW45, Wwp3, Wwp4, 1700040G09Rik
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">PCAPSVPRYDOPPPITYQPQQTERNQSLVLPANPYHTAEIPDWLQVYARA</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	Sav1 is a 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. The core of this pathway is composed of a kinase cascade wherein STK3/MST2 and STK4/MST1, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Phosphorylation of YAP1 by LATS1/2 inhibits its translocation into the nucleus to regulate cellular genes important for cell proliferation, cell death, and cell migration. SAV1 is required for STK3/MST2 and STK4/MST1 activation and promotes cell-cycle exit and terminal differentiation in developing epithelial tissues. Plays a role in centrosome disjunction by regulating the localization of NEK2 to centrosomes, and its ability to phosphorylate CROCC and CEP250. In conjunction with STK3/MST2, activates the transcriptional activity of ESR1 through the modulation of its phosphorylation.
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-Sav1 (ARP57562_P050-HRP) antibody</a>
Blocking Peptide	Available upon request
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Sav1
Uniprot ID	<a href="#">Q8VEB2</a>
Protein Name	Protein salvador homolog 1
Protein Accession #	<a href="#">NP_071311</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_022028</a>
Gene Symbol	<a href="#">Sav1</a>
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%

**Image 1**



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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