

Rabbit anti-Human SAV1 Polyclonal Antibody | anti-SAV1 antibody

SAV1 Antibody

CATALOG # AAA231483	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

SAV1; Polyclonal Antibody; SAV1 Antibody; Protein salvador homolog 1; 45 kDa WW domain protein; hWW45; WW45; anti-SAV1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	383
Applicable Applications for anti-SAV1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Protein salvador homolog 1 protein (N-210AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-165428 / sc-135394
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



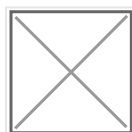
IF (Immunofluorescence)

Immunofluorescent analysis of A549 cells using AAA231483 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



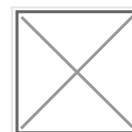
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human endometrial cancer using AAA231483 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231483 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: SAV1 antibody IgG at 1.62ug/ml+ 293T whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 45 kDaObserved band size: 45 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SAV1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11141889
NCBI GeneID	60485
NCBI Accession #	NP_068590.1
NCBI GenBank Nucleotide #	NM_021818.3
UniProt Accession #	Q9H4B6; Q6IA58; Q9H949; Q9HAK9; A8K4B8; D3DSB6
Molecular Weight	44,634 Da
NCBI Official Full Name	protein salvador homolog 1
NCBI Official Synonym Full Names	salvador family WW domain containing protein 1
NCBI Official Symbol	SAV1
NCBI Official Synonym Symbols	SAV; WW45; WWP4
NCBI Protein Information	protein salvador homolog 1
UniProt Protein Name	Protein salvador homolog 1
UniProt Gene Name	SAV1
UniProt Synonym Gene Names	WW45; hWW45
UniProt Entry Name	SAV1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sav1-antibody-immunohistochemistry-western-blot-elisa/231483>