

Rabbit anti-Human SPPL2A Polyclonal Antibody | anti-SPPL2A antibody

SPPL2A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229174	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

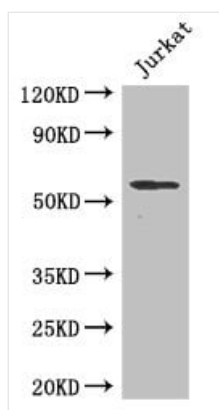
PRODUCT SYNONYMS

SPPL2A; Polyclonal Antibody; SPPL2A Antibody; Signal peptide peptidase-like 2A1; Intramembrane protease 31; SPPL2A1; anti-SPPL2A antibody

PRODUCT SPECIFICATIONS

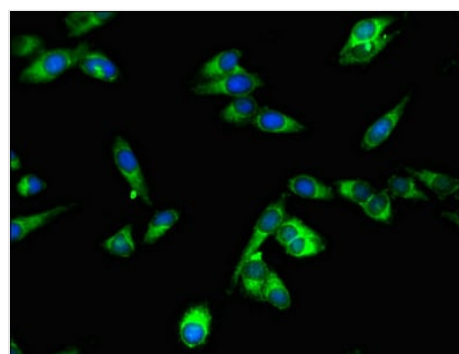
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	520
Applicable Applications for anti-SPPL2A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Signal peptide peptidase-like 2A protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-83045
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



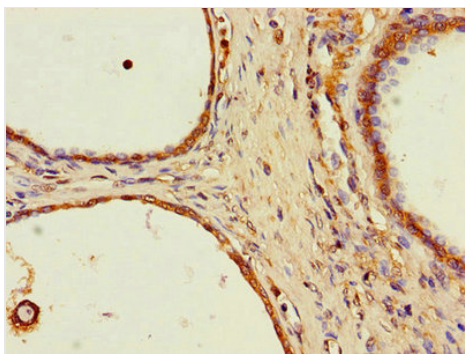
WB (Western Blot)

Western Blot Positive WB detected in: Jurkat whole cell lysate All lanes: SPPL2A antibody at 2ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 59 kDa Observed band size: 59 kDa



IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA229174 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 prostate cancer tissue using
 AAA229174 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-SPPL2A antibody	Intramembrane-cleaving aspartic protease (I-CLiP) that cleaves type II membrane signal peptides in the hydrophobic plane of the membrane. Functions in FASLG, ITM2B and TNF processing (PubMed:16829952, PubMed:16829951, PubMed:17557115, PubMed:17965014). Catalyzes the intramembrane cleavage of the anchored fragment of shed TNF-alpha (TNF), which promotes the release of the intracellular domain (ICD) for signaling to the nucleus (PubMed:16829952). Also responsible for the intramembrane cleavage of Fas antigen ligand FASLG, which promotes the release of the intracellular FasL domain (FasL ICD) (PubMed:17557115). May play a role in the regulation of innate and adaptive immunity (PubMed:16829952). Catalyzes the intramembrane cleavage of the simian foamy virus envelope glycoprotein gp130 independently of prior ectodomain shedding by furin or furin-like proprotein convertase (PC)-mediated cleavage proteolysis (PubMed:23132852).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21314755
NCBI GeneID	84888
NCBI Accession #	NP_116191.2
NCBI GenBank Nucleotide #	NM_032802.3
UniProt Accession #	Q8TCT8; Q8TAW1; Q96SZ8; B2RDS0
Molecular Weight	58,143 Da
NCBI Official Full Name	signal peptide peptidase-like 2A
NCBI Official Synonym Full Names	signal peptide peptidase like 2A
NCBI Official Symbol	SPPL2A
NCBI Official Synonym Symbols	IMP3; PSL2
NCBI Protein Information	signal peptide peptidase-like 2A
UniProt Protein Name	Signal peptide peptidase-like 2A
UniProt Gene Name	SPPL2A
UniProt Synonym Gene Names	IMP-3
UniProt Entry Name	SPP2A_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.