Rabbit anti-Human SPPL3 Polyclonal Antibody | anti-SPPL3 antibody

SPPL3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232992	**Rabbit**	**Human**	**Immunofluorescence, ELISA**

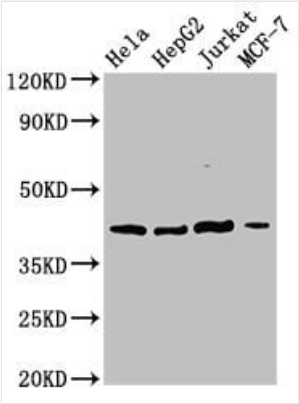
PRODUCT SYNONYMS

SPPL3; Polyclonal Antibody; SPPL3 Antibody; Signal peptide peptidase-like 31 Publication; Intramembrane protease 21; SPPL31; anti-SPPL3 antibody

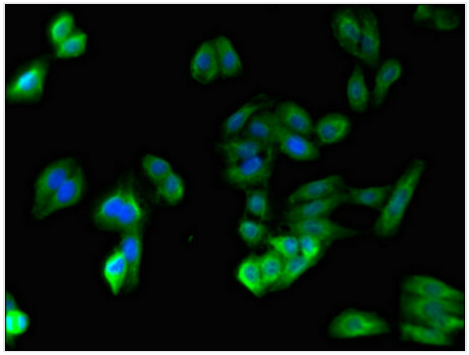
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	384
Applicable Applications for anti-SPPL3 antibody	IF (Immunofluorescence), ELISA
Immunogen	Recombinant Human Signal peptide peptidase-like 3 protein (213-263AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-161228 / sc-161229
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



WB (Western Blot)
Western BlotPositive WB detected in: Hela whole cell lysate,HepG2 whole cell lysate,Jurkat whole cell lysate,MCF-7 whole cell lysateAll lanes: SPPL3 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 43,19 KDaObserved band size: 43 KDa



IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA232992 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L

ADDITIONAL INFORMATION

Related Product Information for anti-SPPL3 antibody	Intramembrane-cleaving aspartic protease (I-CLiP) that cleaves type II membrane protein substrates in or close to their luminal transmembrane domain boundaries (PubMed: 16873890, PubMed: 25354954, PubMed: 25827571). Acts like a sheddase by mediating the proteolytic release and secretion of active site-containing ectodomains of glycan-modifiying glycosidase and glycosyltransferase enzymes such as MGAT5, B4GAT1 and B4GALT1 (PubMed: 25354954, PubMed: 25827571). Catalyzes the intramembrane cleavage of the envelope glycoprotein gp130 and/or the leader peptide gp18LP of the simian foamy virus independent of prior ectodomain shedding by furin or furin-like proprotein convertase (PC)-mediated cleavage proteolysis (PubMed: 23132852). May also have the ability to serve as a shedding protease for subsequent intramembrane proteolysis by SPPL2A and SPPL2B of the envelope glycoprotein gp130 (PubMed: 23132852). Plays a role in the regulation of cellular glycosylation processes (PubMed: 25354954). Required to link T-cell antigen receptor (TCR) and calcineurin-NFAT signaling cascades in lymphocytes by promoting the association of STIM1 and ORAI1 during store-operated calcium entry (SOCE) in a protease-independent manner (PubMed: 25384971).

NCBI AND UNIPROT INFORMATION

NCBI GI #	33413418
NCBI GeneID	121665
NCBI Accession #	NP_620584.2
NCBI GenBank Nucleotide #	NM_139015.4
UniProt Accession #	Q8TCT6; Q3MJ04; Q8TAU4; Q96DD9
Molecular Weight	18,478 Da
NCBI Official Full Name	signal peptide peptidase-like 3
NCBI Official Synonym Full Names	signal peptide peptidase like 3
NCBI Official Symbol	SPPL3
NCBI Official Synonym Symbols	IMP2; PSH1; PSL4; PRO4332; MDHV1887
NCBI Protein Information	signal peptide peptidase-like 3
UniProt Protein Name	Signal peptide peptidase-like 3
UniProt Gene Name	**SPPL3**
UniProt Synonym Gene Names	PSH1

UniProt Entry Name	SPPL3_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://www.aaabiotech.com/polyclonal/sppl3-antibody-immunofluorescence-elisa/232992