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Datasheet for ABIN7169624

anti-SPPL2A antibody (AA 26-172) (Biotin)

Overview

Quantity:	100 µg
Target:	SPPL2A
Binding Specificity:	AA 26-172
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPPL2A antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Signal peptide peptidase-like 2A protein (26-172AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SPPL2A
Alternative Name:	SPPL2A (SPPL2A Products)
Background:	Background: 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

Target Details

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).
Aliases: SPPL2A antibody, IMP3 antibody, PSL2 antibody, PSEC0147 antibody, Signal peptide peptidase-like 2A antibody, SPP-like 2A antibody, SPPL2a antibody, EC 3.4.23.- antibody, Intramembrane protease 3 antibody, IMP-3 antibody, Presenilin-like protein 2 antibody

UniProt: [Q8TCT8](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.