

Product datasheet for TA388180M

OriGene Technologies, Inc.

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SPPL2A Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: IF, IHC, WB

Recommended Dilution: Recommended dilution: WB:1:2000-1:5000, IHC:1:20-1:200, IF:1:50-1:200

Reactivity: Human
Host: Rabbit
Isotype: IgG

Clonality: Polyclonal

Immunogen: Recombinant Human Signal peptide peptidase-like 2A protein (26-172AA)

Formulation: Preservative: 0.03% Proclin 300

Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Concentration: lot specific

Purification: >95%, Protein G purified

Conjugation: Unconjugated

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

Stability: 1 year from dispatch.

Database Link: Q8TCT8

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 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

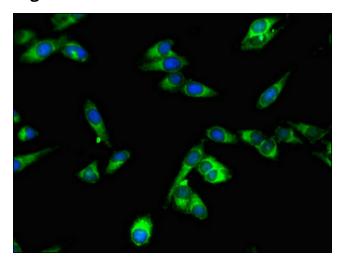
FASLG, which promotes the release of the intracellular FasL domain (FasL ICD)

(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 furinlike proprotein convertase (PC)-mediated cleavage proteolysis (PubMed:23132852).

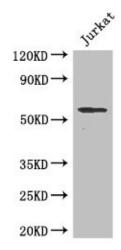




Product images:



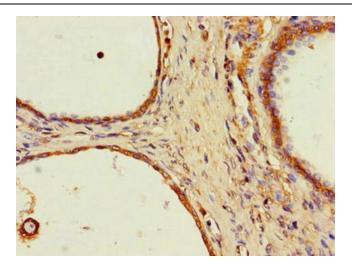
Immunofluorescent analysis of Hela cells using [TA388180] at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blot Positive WB detected in: Jurkat whole cell lysate All lanes: SPPL2A antibody at 2µg/ml Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution

Predicted band size: 59 kDa Observed band size: 59 kDa





Immunohistochemistry of paraffin-embedded human prostate cancer using [TA388180] at dilution of 1:100