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Datasheet for ABIN911528

anti-PLSCR3 antibody (AA 201-295) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	PLSCR3
Binding Specificity:	AA 201-295
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLSCR3 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PLSCR3
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Sheep, Pig, Horse
Purification:	Purified by Protein A.

Target Details

Target:	PLSCR3
Alternative Name:	PLSCR3 (PLSCR3 Products)
Background:	Synonyms: Ca ²⁺ -dependent phospholipid scramblase 3, Phospholipid scramblase 3, PL

Target Details

scramblase 3, PLS3, PLS3_HUMAN.

Background: PLSCR3 (phospholipid scramblase 3) may mediate accelerated ATP-independent bidirectional transbilayer migration of phospholipids upon binding calcium ions that results in a loss of phospholipid asymmetry in the plasma membrane. May play a central role in the initiation of fibrin clot formation, in the activation of mast cells and in the recognition of apoptotic and injured cells by the reticuloendothelial system. Members of this family, PLS1 and PLS3 are both substrates of Protein kinase C (PKC) delta and are phosphorylated by PKC-delta during apoptosis. PKC-delta translocates to mitochondria during apoptosis and phosphorylates PLS3. Overexpression of PLS3 in the HEK293 cells enhanced apoptosis induced by UV-irradiation.

Gene ID: 57048

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Carbohydrate Homeostasis](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months