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Datasheet for ABIN873294 anti-PLSCR3 antibody (AA 201-295)

Overview

Quantity:	100 µL
Target:	PLSCR3
Binding Specificity:	AA 201-295
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLSCR3 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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)

Target Details

Background:	<p>Synonyms: Ca²⁺-dependent phospholipid scramblase 3, Phospholipid scramblase 3, PL scramblase 3, PLS3, PLS3_HUMAN.</p> <p>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.</p>
Gene ID:	57048
Pathways:	Cellular Response to Molecule of Bacterial Origin , Carbohydrate Homeostasis

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months