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Datasheet for ABIN6977259

anti-GGCX antibody (AA 351-450) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	GGCX
Binding Specificity:	AA 351-450
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GGCX 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 GGCX
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat
Purification:	Purified by Protein A.

Target Details

Target:	GGCX
Alternative Name:	GGCX (GGCX Products)

Target Details

Background: Synonyms: Gamma glutamyl carboxylase, Gamma-glutamyl carboxylase, GC antibody GGcX, Peptidyl glutamate 4 carboxylase, Peptidyl-glutamate 4-carboxylase, Vitamin K dependent gamma carboxylase, Vitamin K gamma glutamyl carboxylase, Vitamin K-dependent gamma-carboxylase, VKCFD 1, VKCFD1, VKGC_HUMAN.

Background: Mediates the vitamin K-dependent carboxylation of glutamate residues to calcium-binding gamma-carboxyglutamate (Gla) residues with the concomitant conversion of the reduced hydroquinone form of vitamin K to vitamin K epoxide.

Gene ID: 2677

UniProt: [P38435](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

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
