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Datasheet for ABIN2807916
anti-CLEC16A antibody (AA 731-830) (Cy5.5)

Overview

Quantity:	100 µL
Target:	CLEC16A
Binding Specificity:	AA 731-830
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLEC16A antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CLEC16A
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target:	CLEC16A
Alternative Name:	CLEC16A (CLEC16A Products)

Target Details

Background: Synonyms: Gop-1, KIAA0350, Protein CLEC16A, C-type lectin domain family 16 member A, CLEC16A

Background: Regulator of mitophagy through the upstream regulation of the RNF41/NRDP1-PARK2 pathway. Mitophagy is a selective form of autophagy necessary for mitochondrial quality control. The RNF41/NRDP1-PARK2 pathway regulates autophagosome-lysosome fusion during late mitophagy. May protect RNF41/NRDP1 from proteosomal degradation, RNF41/NRDP1 which regulates proteosomal degradation of PARK2. Plays a key role in beta cells functions by regulating mitophagy/autophagy and mitochondrial health.

Gene ID: 23274

UniProt: [Q2KHT3](#)

Application Details

Application Notes: FCM 1:20-100
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