Datasheet for ABIN752208

anti-Glycogenin 2 antibody (AA 401-501) (Cy5.5)

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Overview

Quantity:	100 µL
Target:	Glycogenin 2 (GYG2)
Binding Specificity:	AA 401-501
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glycogenin 2 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GYG2
Isotype:	IgG
Predicted Reactivity:	Human,Dog
Purification:	Purified by Protein A.

Target Details

Target:	Glycogenin 2 (GYG2)
Alternative Name:	GYG2 (GYG2 Products)
Background:	Synonyms: Glycogenin 2, Glycogenin2, GN 2, GN2, GYG 2, GYG2, OTTHUMP00000022855,

Target Details

	GLYG2_HUMAN. Background: This gene encodes a member of the the glycogenin family. Glycogenin is a self-glucosylating protein involved in the initiation reactions of glycogen biosynthesis. A gene on chromosome 3 encodes the muscle glycogenin and this X-linked gene encodes the glycogenin mainly present in liver, both are involved in blood glucose homeostasis. This gene has a short version on chromosome Y, which is 3' truncated and can not make a functional protein. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.
Gene ID:	8908
Pathways:	Cellular Glucan Metabolic Process

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