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Datasheet for ABIN899189

anti-Glycogen Synthase 2 antibody (AA 621-703) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	Glycogen Synthase 2 (GYS2)
Binding Specificity:	AA 621-703
Reactivity:	Mouse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glycogen Synthase 2 antibody is conjugated to Alexa Fluor 488
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 Glycogen synthase 2
Isotype:	IgG
Cross-Reactivity:	Mouse, Pig
Predicted Reactivity:	Human,Rat,Dog,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Glycogen Synthase 2 (GYS2)
Alternative Name:	Glycogen synthase 2 (GYS2 Products)

Target Details

Background: Synonyms: Glycogen starch synthase liver, Glycogen starch synthase liver, EC 2.4.1.11, Glycogen synthase 2 liver, GYS2, GYS2_HUMAN.
Background: Glycogen synthase catalyzes the rate-limiting step in glycogen synthesis. Its activity is regulated by a complex phosphorylation-dephosphorylation mechanism and by allosteric stimulators and inhibitors. Two isozymes of synthase, a skeletal muscle type (Glycogen synthase 1 - GYS1) and a liver type (Glycogen synthase 2 - GYS2), have been identified.

Gene ID: 2998

Pathways: [AMPK Signaling](#), [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