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Datasheet for ABIN919274

anti-UGP2 antibody (AA 401-508) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	UGP2
Binding Specificity:	AA 401-508
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGP2 antibody is conjugated to Alexa Fluor 647
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 UGP2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	UGP2
Alternative Name:	UGP2 (UGP2 Products)

Target Details

Background: Synonyms: UDP glucose diphosphorylase, UDP glucose pyrophosphorylase 2, UDP glucose pyrophosphorylase, UDPG, UDPGP 2, UDPGP, UDPGP2, UGP 1, UGP 2, UGP1, UGPase 2, UGPase, UGPP 2, UGPP2, Uridyl diphosphate glucose pyrophosphorylase 2, UTP glucose 1 phosphate uridylyltransferase, UTP glucose 1 phosphate uridylyltransferase 2, pH C379, UGPA_HUMAN.

Background: UGP2 (UDP glucose pyrophosphorylase 2) is an important intermediary in cellular metabolic pathways. It transfers a glucose moiety from glucose-1-phosphate to MgUTP and forms UDP glucose and MgPPi.

Gene ID: 7360

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