# antibodies .- online.com







# anti-SLC37A4 antibody (AA 25-130) (AbBy Fluor® 488)



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Quantity:	100 μL
Target:	SLC37A4
Binding Specificity:	AA 25-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC37A4 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human SLC37A4
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig
Purification:	Purified by Protein A.

## **Target Details**

Target:	SLC37A4
Alternative Name:	SLC37A4 (SLC37A4 Products)

## **Target Details**

Background:	Synonyms: G6PT2, GSD1b, GSD1c, GSD1d, TRG19, G6PT1, G6PT3, Glucose-5-phosphate	
	transporter, Glucose-6-phosphatase, transport glucose protein 3 antibody, Glucose-6-	
	phosphatase, transport glucose-6-phosphate protein 1, Glucose-6-phosphatase, transport	
	phosphate/pyrophosphate protein 2, Glucose-6-phosphate translocase, Glucose-6-phosphate	
	transporter 1, Microsomal glucose-6-phosphate transporter, Solute carrier family 37 glucose-6-	
	phosphate transporter, member 4, MGC15729, PRO0685, G6PT1_HUMAN.	
	Background: SLC37A4 transports glucose-6-phosphate from the cytoplasm to the lumen of the	
	endoplasmic reticulum. It forms a complex with glucose-6-phosphatase which is responsible	
	for glucose production through glycogenolysis and gluconeogenesis. Hence, it plays a central	
	role in homeostatic regulation of blood glucose levels.	
Gene ID:	2542	
Pathways:	Carbohydrate Homeostasis, 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	