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Datasheet for ABIN752932  
**anti-SLC37A4 antibody (AA 25-130) (HRP)**

### Overview

Quantity:	100 µL
Target:	SLC37A4
Binding Specificity:	AA 25-130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC37A4 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### 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 ( <a href="#">SLC37A4 Products</a> )

## Target Details

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**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.

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**Gene ID:** 2542

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**Pathways:** [Carbohydrate Homeostasis](#), [Cellular Glucan Metabolic Process](#)

## Application Details

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**Application Notes:** WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Handling Advice:** Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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## Handling

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Expiry Date: 12 months