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anti-SLC37A4 antibody



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Quantity:	100 μg
Target:	SLC37A4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC37A4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	solute carrier family 37(glucose-6-phosphate transporter), member 4
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	SLC37A4
Alternative Name:	SLC37A4 (SLC37A4 Products)
Background:	Synonyms:SLC37A4,G6PT1,G6PT2,G6PT3,GSD1b,GSD1c,GSD1d,PR00685,TRG-19,TRG19 Background:Inorganic phosphate and glucose-6-phosphate antiporter of the endoplasmic
	reticulum. Transports cytoplasmic glucose-6-phosphate into the lumen of the endoplasmic
	reticulum and translocates inorganic phosphate into the opposite direction. Forms with

Target Details

	glucose-6-phosphatase the complex responsible for glucose production through glycogenolysis and gluconeogenesis. Hence, it plays a central role in homeostatic regulation of blood glucose levels.
Molecular Weight:	46 kDa
Gene ID:	2542
UniProt:	043826
Pathways:	Carbohydrate Homeostasis, Cellular Glucan Metabolic Process

Application Details

Application Notes:	WB: 1:500-1:2000, IHC: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months