

Anti-SLC37A4 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Pig,Cow)
Molecular Weight:	Theoretical: 46 kDa. Actual: 48 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: HepG2 (Human) Cell Lysate at 30 µg Primary: Anti-SLC37A4 (TMAB-12897) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46 kD Observed band size: 48 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human G6PT2
Antigen Species:	Human
Gene ID:	2542
Uniprot ID:	O43826

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481