

Anti-SLC25A11 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse (predicted:Rat,Cow,Rabbit,Sheep,GuineaPig)
Molecular Weight:	Theoretical: 34 kDa. Actual: 32 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Sample: Liver (Mouse) Lysate at 40 µg Primary: Anti-SLC25A15 (TMAB-12863) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kD Observed band size: 34 kD</p> <p>2. Blank control: THP-1. Primary Antibody (green line): Rabbit Anti-SLC25A15 antibody (TMAB-12863) Dilution: 1 µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-FITC Dilution: 1 µg /test. Protocol The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST methanol for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.</p> <p>3. Sample: Lane 1: Human U251 cell lysates Lane 2: Human A549 cell lysates Primary: Anti-SLC25A11 (TMAB-12863) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kDa Observed band size: 32 kDa</p>
	Application:
Recommended	WB: 1:500-2000; FCM: 1µg/Test

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 SLC25A15
Antigen Species: Human
Gene ID: 8402
Uniprot ID: Q02978

Research Background

SLC25A11 catalyzes the transport of 2-oxoglutarate across the inner mitochondrial membrane in an electroneutral exchange for malate or other dicarboxylic acids, and plays an important role in several metabolic processes, including the malate-aspartate shuttle, the oxoglutarate/isocitrate shuttle, in gluconeogenesis from lactate, and in nitrogen metabolism.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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