

bs-8703R**[Primary Antibody]****SLC25A11 Rabbit pAb****Bioss**
ANTIBODIES

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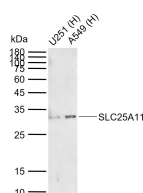
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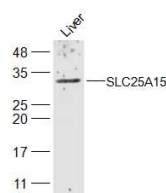
400-901-9800

— DATASHEET —

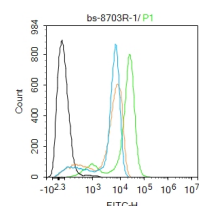
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Flow-Cyt (1ug/Test)
Clonality: Polyclonal		
GeneID: 8402	SWISS: Q02978	Reactivity: Human, Mouse (predicted: Rat, Rabbit, Sheep, Cow, GuineaPig)
Target: SLC25A11		Predicted MW.: 34 kDa
Immunogen: KLH conjugated synthetic peptide derived from human SLC25A15: 101-200/314.		Subcellular Location: Cell membrane ,Cytoplasm
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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.		

— VALIDATION IMAGES —

Sample: Lane 1: Human U251 cell lysates Lane 2:
Human A549 cell lysates Primary: Anti-SLC25A11
(bs-8703R) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 34 kDa Observed
band size: 32 kDa



Sample: Liver (Mouse) Lysate at 40 ug Primary:
Anti-SLC25A15 (bs-8703R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 34 kD
Observed band size: 34 kD



Blank control: THP-1. Primary Antibody (green
line): Rabbit Anti-SLC25A15 antibody (bs-8703R)
Dilution: 1µg /10⁶ cells; Isotype Control
Antibody (orange line): Rabbit IgG . Secondary
Antibody : Goat anti-rabbit IgG-FITC Dilution:
1µg /test. Protocol The cells were fixed with 4%
PFA (10min 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.