

bs-11535R**[Primary Antibody]****SLC27A4 Rabbit pAb****Bioss**
ANTIBODIES

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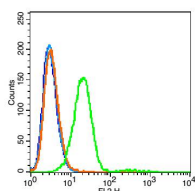
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: Flow-Cyt (1µg/Test)
Clonality: Polyclonal		Reactivity: Rat (predicted: Human, Mouse, Pig, Cow, Chicken, Horse)
GeneID: 10999	SWISS: Q6P1M0	Predicted MW.: 72 kDa
Target: SLC27A4		Subcellular Location: Cell membrane
Immunogen: KLH conjugated synthetic peptide derived from human SLC27A4: 288-360/643.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a member of a family of fatty acid transport proteins, which are involved in translocation of long-chain fatty acids cross the plasma membrane. This protein is expressed at high levels on the apical side of mature enterocytes in the small intestine, and appears to be the principal fatty acid transporter in enterocytes. Clinical studies suggest this gene as a candidate gene for the insulin resistance syndrome. Mutations in this gene have been associated with ichthyosis prematurity syndrome. [provided by RefSeq, Apr 2010]		

— VALIDATION IMAGES —

Blank control: RSC96 cells(blue). Primary Antibody: Rabbit Anti-SLC27A4 antibody(bs-11535R), Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG (orange) ,used under the same conditions. Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.

— SELECTED CITATIONS —

- **[IF=2.559]** Weinheimer C et al. Maternal Tobacco Smoke Exposure Causes Sex-Divergent Changes in Placental Lipid Metabolism in the Rat. Reprod Sci. 2020 Jan 6. WB ;Rat. 32046449