

bs-3997R**[Primary Antibody]****SLC25A10 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: Human (predicted: Mouse, Rat, Dog, Horse) Predicted MW.: 31 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 1468	SWISS: Q9UBX3	
Target: SLC25A10		
Immunogen: KLH conjugated synthetic peptide derived from human SLC25A10: 201-287/287.		
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: The mitochondrial dicarboxylate carrier protein (mDIC) belongs to superfamily of mitochondrial transporters. It has been demonstrated that the expression of mDIC leads to hyperpolarization of the mitochondria, as well as succinate uptake by the mitochondria. It is highly expressed in adipose tissue, where its expression is downregulated by insulin and upregulated by free fatty acids. mDIC is also thought to play a role in glyceroneogenesis.		

— SELECTED CITATIONS —

- **[IF=4.374]** Zhou, Borong. et al. The role of PYCR1 in inhibiting 5-fluorouracil-induced ferroptosis and apoptosis through SLC25A10 in colorectal cancer. HUM CELL. 2022 Sep;;1-12 WB ;Human. 36104652