

bs-4038R**[Primary Antibody]****SLC25A13 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 10165	SWISS: Q9UJS0	IHC-F (1:100-500)
Target: SLC25A13		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human SLC25A13: 351-450/675.		ELISA (1:5000-10000)
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat, Pig, Cow, Chicken, Dog, Horse)
Concentration: 1mg/ml		Predicted MW.: 74 kDa
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.		Subcellular Location: Cell membrane ,Cytoplasm
Background: SLC25A13 is a member of the mitochondrial carrier family. It contains four EF-hand Ca(2+) binding motifs in the N-terminal domain, and localizes to mitochondria. It catalyzes the exchange of aspartate for glutamate and a proton across the inner mitochondrial membrane, and is stimulated by calcium on the external side of the inner mitochondrial membrane. Mutations in the SLC25A13 gene result in citrullinemia, type II. Multiple transcript variants encoding different isoforms have been found for this gene.		