## bs-21222R

## [ Primary Antibody ]

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## SLC25A19 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 60386 SWISS: Q9HC21

Target: SLC25A19

**Immunogen:** KLH conjugated synthetic peptide derived from human SLC25A19:

1-100/320.

**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:** This gene encodes a mitochondrial protein that is a member of the solute carrier family. Although this protein was initially thought to be the mitochondrial deoxynucleotide carrier involved in the uptake of deoxynucleotides into the matrix of the mitochondria, further studies have demonstrated that this protein instead functions as the mitochondrial thiamine pyrophosphate carrier, which transports thiamine pyrophosphates into mitochondria. Mutations in this gene cause microcephaly, Amish type, a metabolic disease that results in severe congenital microcephaly, severe 2-ketoglutaric aciduria, and death within the first year. Multiple alternatively spliced variants, encoding the same protein, have been identified for this gene. [provided by RefSeq, Jul 2008]

Applications: IHC-P (1:100-500)

400-901-9800

IHC-F (1:100-500) **IF** (1:100-500) ICC/IF (1:100-500) **ELISA** (1:5000-10000)

Reactivity: (predicted: Human)

Predicted MW.: 36 kDa

Subcellular Location: Cytoplasm