bs-10738R **[Primary Antibody]**

SLC19A2 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 10560 **SWISS:** O60779

Target: SLC19A2

Immunogen: KLH conjugated synthetic peptide derived from human SLC19A2: 21-120/497.

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 the thiamin transporter protein. Mutations in this gene cause thiamin-responsive megaloblastic anemia syndrome (TRMA), which is an autosomal recessive disorder characterized by diabetes mellitus, megaloblastic anemia and sensorineural deafness. [provided by RefSeq, Jul 2008]

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ICC/IF (1:100-500)
ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse)

Predicted MW.: 55 kDa

Subcellular Location: Cell membrane

SELECTED CITATIONS

- **[IF=5.7]** Yang Li. et al.Deciphering hub genes and immune landscapes related to neutrophil extracellular traps in rheumatoid arthritis: insights from integrated bioinformatics analyses and experiments.FRONTIERS IN IMMUNOLOGY.2025 Jan 8:15:1521634. IHC ;Rat. 39845946
- **[IF=4.1]** Hui Niu. et al. Identification and Verification of Hub Mitochondrial Dysfunction Genes in Osteoarthritis Based on Bioinformatics Analysis. J IMMUNOL RES. 2024;2024:6822664 WB ;Human. 38292759
- **[IF=3.1]** Zhongyu Ma. et al. Elevated thiamine level is associated with activating interaction between HIF-1α and SLC19A3 in experimental myopic guinea pigs. FRONT MED-LAUSANNE. 2025 Apr;12: IF,WB ;Guinea pig. 40351473
- **[IF=2]** Yumei Qin. et al.4-phenylbutyric acid attenuates diabetes mellitus secondary to thiamine-responsive megaloblastic anaemia syndrome by modulating endoplasmic reticulum stress.ENDOKRYNOLOGIA POLSKA.2025;76(1):108-115. Western blot ;Rat. 10.5603/ep.101404