bs-8149R **[Primary Antibody]**

Slc22a5 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 6584 **SWISS:** O76082

Target: Slc22a5

Immunogen: KLH conjugated synthetic peptide derived from human Slc22a5: 101-210/557. < Extracellular >

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: Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. The encoded protein is a plasma integral membrane protein which functions both as an organic cation transporter and as a sodium-dependent high affinity carnitine transporter. The encoded protein is involved in the active cellular uptake of carnitine. Mutations in this gene are the cause of systemic primary carnitine deficiency (CDSP), an autosomal recessive disorder manifested early in life by hypoketotic hypoglycemia and acute metabolic decompensation, and later in life by skeletal myopathy or cardiomyopathy. [provided by RefSeq, Jul 2008].

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, Pig, Cow, Dog, Horse)

Predicted MW.: 58 kDa

Subcellular Location: Cell membrane

SELECTED CITATIONS

- **[IF=3.943]** Jung-Hwa Seoet al. Cigarette smoke extract combined with lipopolysaccharide reduces OCTN1/2 expression in Human alveolar epithelial cells in vitro and rat lung in vivo under inflammatory conditions. Int Immunopharmacol . 2020 Oct;87:106812. WB ;Human. 32707498