

bs-19807R**[Primary Antibody]****SLC22A3 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: 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, Sheep, Cow, Horse) Predicted MW.: 61 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 6581	SWISS: O75751	
Target: SLC22A3		
Immunogen: KLH conjugated synthetic peptide derived from human SLC22A3: 301-400/556.		
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. This gene is one of three similar cation transporter genes located in a cluster on chromosome 6. The encoded protein contains twelve putative transmembrane domains and is a plasma integral membrane protein. [provided by RefSeq, Jul 2008]		

— SELECTED CITATIONS —

- **[IF=4.8]** Qingchen Qiao. et al. Combination of Periodontal Ligament Stem Cells and Metformin via Organic Cation Transporters for Periodontal Regeneration in Rats. BIOMOLECULES. 2025 May;15(5):663 IF ;Human. 40427556
- **[IF=4.321]** Ying Zhang. et al. mPEG2k-PCLx Polymeric Micelles Influence Pharmacokinetics and Hypoglycemic Efficacy of Metformin through Inhibition of Organic Cation Transporters in Rats. Mol Pharmaceut. 2021;XXXX(XXX):XXX-XXX IF ;Human. 34102842