

Anti-OCTN2/SLC22A5 Antibody

Catalog Number: A01527-1

About SLC22A5

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. Alternative splicing of this gene results in multiple transcript variants.

Overview

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| Product Name | Anti-OCTN2/SLC22A5 Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-OCTN2/SLC22A5 Antibody catalog # A01527-1. Tested in WB, IHC, IP, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. |
| Application | ELISA, Flow Cytometry, IP, IHC, WB |
| Clonality | Polyclonal |
| Formulation | 500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | 12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | O76082 |

Technical Details

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| Immunogen | E.coli-derived human SLC22A5 recombinant protein (Position: 3-139). |
| Form | Liquid |
| Concentration | 500 ug/ml |
| Purification | Immunogen affinity purified. |
| Suggested Dilutions | Western blot, 1:500-2000 |

Immunohistochemistry, 1:50-400
Immunoprecipitation, 1:250-300
Flow Cytometry (Fixed), 1:50-200
ELISA, 1:100-1000

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Anti-OCTN2/SLC22A5 Antibody

For Research Use Only. Not for use in diagnostic procedures.