

DNAxPAb

Hard-to-Find
Antibody

SLC22A5 DNAxPab

Catalog # H00006584-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human SLC22A5 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SLC22A5

Entrez GeneID	6584
GeneBank Accession#	BC012325.1
Protein Accession#	AAH12325.1
Gene Name	SLC22A5
Gene Alias	CDSP , FLJ46769, OCTN2, OCTN2VT
Gene Description	solute carrier family 22 (organic cation/carnitine transporter), member 5
Omim ID	212140 603377
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	high-affinity sodium dependent carnitine cotransporter organic cation transporter 2 organic cation transporter 5 organic cation/carnitine transporter 2 solute carrier family 22 (organic cation transporter), member 5 solute carrier family 22 member 5

Disease

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- [Bronchiolitis](#)
- [Cardiomyopathies](#)
- [Cardiovascular Diseases](#)
- [Cholangitis](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Crohn Disease](#)

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Edema](#)
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- [Growth Disorders](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Hypertrophy](#)
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- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
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- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Psoriasis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)