

SLC7A13 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10029c**Specification**

SLC7A13 Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q8TCU3](#)
Other Accession [NP_620172.2](#)

SLC7A13 Antibody (Center) Blocking peptide - Additional Information

Gene ID 157724

Other Names

Solute carrier family 7 member 13, Sodium-independent aspartate/glutamate transporter 1, X-amino acid transporter 2, SLC7A13, AGT1, XAT2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SLC7A13 Antibody (Center) Blocking peptide - Protein Information

Name SLC7A13

Synonyms AGT1, XAT2

Function

Associates with SLC3A1/rBAT to form a functional heterodimeric complex that transports anionic and neutral amino acids across the apical plasma membrane of renal epithelium. Preferentially mediates exchange transport, but can also operate via facilitated diffusion. May act as a major transporter for L-cystine in late proximal tubules, ensuring its reabsorption from the luminal fluid in exchange for cytosolic L-glutamate or L-aspartate.

Cellular Location

Apical cell membrane {ECO:0000250|UniProtKB:Q91WN3}; Multi-pass membrane protein

Tissue Location

Expressed in the kidney.

SLC7A13 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

SLC7A13 Antibody (Center) Blocking peptide - Images