

CT054 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5210c

Specification

CT054 Antibody (Center) Blocking peptide - Product Information

Primary Accession [O9NQ40](#)

CT054 Antibody (Center) Blocking peptide - Additional Information

Gene ID 113278

Other Names

Solute carrier family 52, riboflavin transporter, member 3, Riboflavin transporter 2, hRFT2, SLC52A3, C20orf54, RFT2, RFVT3

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.

CT054 Antibody (Center) Blocking peptide - Protein Information

Name SLC52A3

Synonyms C20orf54, RFT2, RFVT3

Function

Plasma membrane transporter mediating the uptake by cells of the water soluble vitamin B2/riboflavin that plays a key role in biochemical oxidation-reduction reactions of the carbohydrate, lipid, and amino acid metabolism (PubMed:20463145, PubMed:22273710, PubMed:24264046, PubMed:27702554). Humans are unable to synthesize vitamin B2/riboflavin and must obtain it via intestinal absorption (PubMed:20463145).

Cellular Location

Apical cell membrane; Multi-pass membrane protein. Cell membrane [Isoform 2]: Cytoplasm

Tissue Location

Predominantly expressed in testis. Highly expressed in small intestine and prostate.

CT054 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CT054 Antibody (Center) Blocking peptide - Images