

PQLC2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP13107b**Specification**

PQLC2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q6ZP29](#)

PQLC2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 54896

Other Names

Lysosomal amino acid transporter 1 homolog, PQ-loop repeat-containing protein 2, PQLC2

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13107b was selected from the C-term region of PQLC2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

PQLC2 Antibody (C-term) Blocking Peptide - Protein Information

Name SLC66A1 ([HGNC:26001](#))

Function

Amino acid transporter that specifically mediates the pH- dependent export of the cationic amino acids arginine, histidine and lysine from lysosomes.

Cellular Location

Lysosome membrane; Multi-pass membrane protein

PQLC2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PQLC2 Antibody (C-term) Blocking Peptide - Images**PQLC2 Antibody (C-term) Blocking Peptide - Background**

The specific function of this protein remains unknown. There are 3 named isoforms.

PQLC2 Antibody (C-term) Blocking Peptide - References

Gregory, S.G., et al. Nature 441(7091):315-321(2006)