

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

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**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)