

**BRP44 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13877b****Specification**

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**BRP44 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [O95563](#)**BRP44 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 25874**Other Names**

Mitochondrial pyruvate carrier 2, Brain protein 44, MPC2, BRP44

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13877b was selected from the C-term region of BRP44. 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.

**BRP44 Antibody (C-term) Blocking peptide - Protein Information****Name** MPC2**Synonyms** BRP44**Function**

Mediates the uptake of pyruvate into mitochondria.

**Cellular Location**

Mitochondrion inner membrane; Multi-pass membrane protein

**BRP44 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**BRP44 Antibody (C-term) Blocking peptide - Images****BRP44 Antibody (C-term) Blocking peptide - References**

Ehret, G.B., et al. Eur. J. Hum. Genet. (2009) In press :Cheung, C.L., et al. Hum. Mol. Genet. 18(4):679-687(2009)Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)Tsou, A.P., et al. Mol. Cell. Biol. 6(3):768-778(1986)