

**BRP44L Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21401b**

## Specification

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### BRP44L Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	<a href="#">O9Y5U8</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	12347

### BRP44L Antibody (C-term) - Additional Information

**Gene ID** 51660

#### Other Names

Mitochondrial pyruvate carrier 1, Brain protein 44-like protein, MPC1, BRP44L

#### Target/Specificity

This BRP44L antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 96-129 amino acids from the C-terminal region of human BRP44L.

#### Dilution

WB~~1:2000

#### Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Precautions

BRP44L Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### BRP44L Antibody (C-term) - Protein Information

**Name** MPC1

**Synonyms** BRP44L

**Function** Mediates the uptake of pyruvate into mitochondria.

### Cellular Location

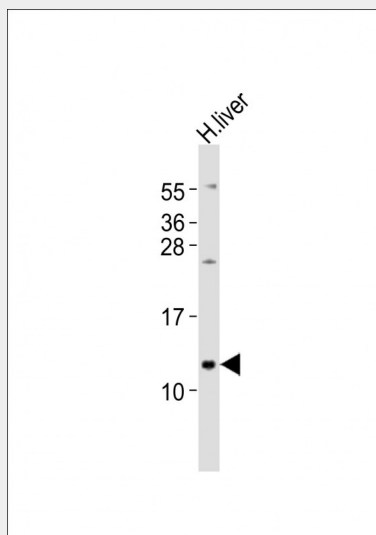
Mitochondrion inner membrane; Multi-pass membrane protein

### BRP44L Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### BRP44L Antibody (C-term) - Images



Anti-BRP44L Antibody (C-term) at 1:2000 dilution + human liver lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 12 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

### BRP44L Antibody (C-term) - Background

Mediates the uptake of pyruvate into mitochondria.

### BRP44L Antibody (C-term) - References

- Zhang Q.-H., et al. *Genome Res.* 10:1546-1560(2000).  
Lai C.-H., et al. *Genome Res.* 10:703-713(2000).  
Ota T., et al. *Nat. Genet.* 36:40-45(2004).  
Mungall A.J., et al. *Nature* 425:805-811(2003).  
Yu W.-Q., et al. Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.