

# BRP44L Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP20857c

## Product Information

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Application	WB, E
Primary Accession	<a href="#">Q9Y5U8</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB50812
Calculated MW	12347

## Additional Information

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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~~1:1000 E~~Use at an assay dependent concentration.
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.

## Protein Information

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Name	MPC1
Synonyms	BRP44L
Function	Mediates the uptake of pyruvate into mitochondria to maintain the balance between glycolysis and oxidative phosphorylation (PubMed: <a href="#">22628558</a> , PubMed: <a href="#">26253029</a> , PubMed: <a href="#">27317664</a> , PubMed: <a href="#">40044865</a> , PubMed: <a href="#">40101766</a> ). Plays an essential role in cellular metabolism

(PubMed:[40044865](#), PubMed:[40101766](#)).

## Cellular Location

Mitochondrion inner membrane; Multi-pass membrane protein

## Background

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Mediates the uptake of pyruvate into mitochondria.

## References

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Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).

Lai C.-H.,et al.Genome Res. 10:703-713(2000).

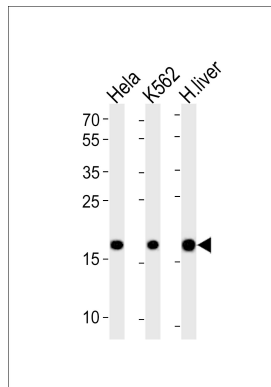
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Mungall A.J.,et al.Nature 425:805-811(2003).

Yu W.-Q.,et al.Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.

## Images

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Western blot analysis of lysates from HeLa, K562 cell line, human liver tissue(from left to right), using BRP44L Antibody (C-term)(Cat. #AP20857c). AP20857c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.