10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BRP44L Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50065

Specification

BRP44L Antibody - Product Information

Application	**IF, WB, IHC**
Primary Accession	Q9Y5U8
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**12 KDa**
Antigen Region	**35-61**

BRP44L Antibody - Additional Information

Gene ID 51660

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

Dilution
IF~~1:100
WB~~ 1:1000
IHC~~1:50-1:100

Format
Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions
-20℃

BRP44L Antibody - Protein Information

Name MPC1

Synonyms BRP44L

Function
Mediates the uptake of pyruvate into mitochondria.

Cellular Location
Mitochondrion inner membrane; Multi-pass membrane protein

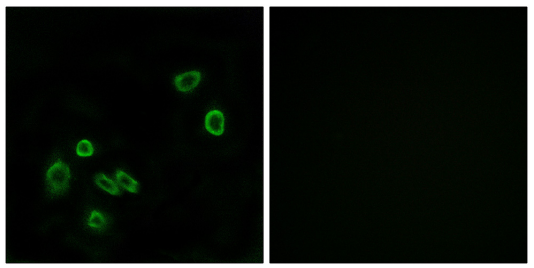
BRP44L Antibody - Protocols

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

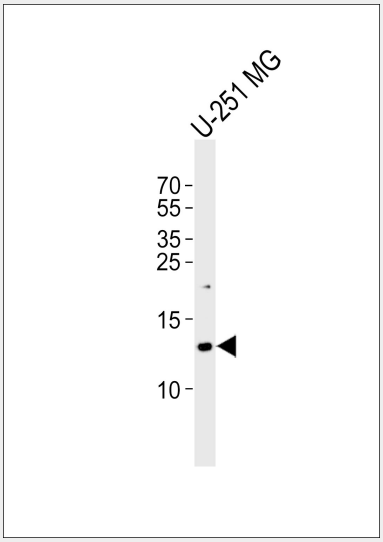
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

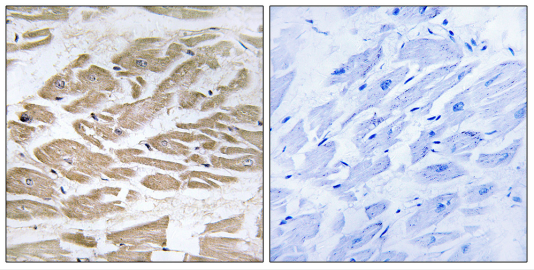
BRP44L Antibody - Images



Immunofluorescence analysis of A549 cells, using BRP44L antibody.



Western blot analysis of lysate from U-251 MG cell line,using BRP44L Antibody(C14781). C14781 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug.



Immunohistochemistry analysis of paraffin-embedded human heart tissue using BRP44L antibody.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BRP44L Antibody - Background

Mediates the uptake of pyruvate into mitochondria.

BRP44L Antibody - 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.