

Rabbit BRP44L Polyclonal Antibody | anti-MPC1 antibody

BRP44L Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289410	Rabbit	Human, mouse, rat	Immunohistochemistry, Immunofluorescence, ELISA, Western Blot

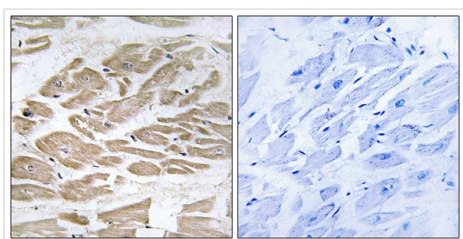
PRODUCT SYNONYMS

BRP44L; Polyclonal Antibody; BRP44L Antibody; Mitochondrial pyruvate carrier 1; Brain protein 44-like protein; MPC1; anti-MPC1 antibody

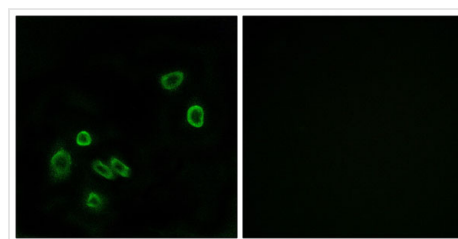
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	35-61
Sequence Length	109
Applicable Applications for anti-MPC1 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

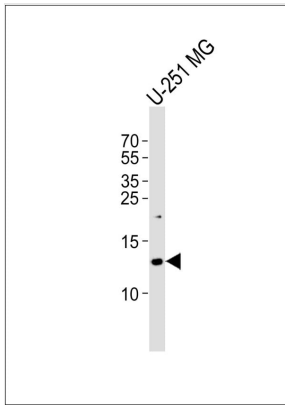
IMAGES


IHC (Immunohistochemistry)

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


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using BRP44L antibody.



WB (Western Blot)

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 35 µg.

ADDITIONAL INFORMATION

Related Product Information for anti-MPC1 antibody	Mediates the uptake of pyruvate into mitochondria.
Product Categories/Family for anti-MPC1 antibody	Cell Biology
References	Zhang Q.-H., et al. <i>Genome Res.</i> 10:1546-1560(2000). Lai C.-H., et al. <i>Genome Res.</i> 10:703-713(2000). Ota T., et al. <i>Nat. Genet.</i> 36:40-45(2004). Mungall A.J., et al. <i>Nature</i> 425:805-811(2003). Yu W.-Q., et al. Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706369
NCBI GeneID	51660
NCBI Accession #	NP_057182.1
NCBI GenBank Nucleotide #	NM_016098.3
UniProt Accession #	Q9Y5U8 ; Q5TI66 ; Q9HB67 ; Q9UQN4 ; B2R5I7
Molecular Weight	12347
NCBI Official Full Name	mitochondrial pyruvate carrier 1 isoform 1
NCBI Official Synonym Full Names	mitochondrial pyruvate carrier 1
NCBI Official Symbol	MPC1
NCBI Official Synonym Symbols	MPYCD; BRP44L; CGI-129; dJ68L15.3
NCBI Protein Information	mitochondrial pyruvate carrier 1
UniProt Protein Name	Mitochondrial pyruvate carrier 1
UniProt Gene Name	MPC1
UniProt Synonym Gene Names	BRP44L
UniProt Entry Name	MPC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/brp44l-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/289410>