

Rabbit anti-Human BRP44 Polyclonal Antibody | anti-MPC2 antibody

BRP44 Antibody (C-term)

CATALOG # AAA284435	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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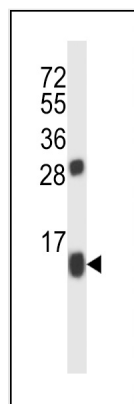
PRODUCT SYNONYMS

BRP44; Polyclonal Antibody; BRP44 Antibody (C-term); Mitochondrial pyruvate carrier 2; Brain protein 44; MPC2; anti-MPC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This BRP44 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 98-127 amino acids from the C-terminal region of human BRP44.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	98-127
Sequence Length	127
Applicable Applications for anti-MPC2 antibody	ELISA, WB (Western Blot)
Function	Mediates the uptake of pyruvate into mitochondria.
Cellular Location	Mitochondrion inner membrane; Multi-pass membrane protein
Preparation and 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.

IMAGES



WB (Western Blot)

BRP44 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the BRP44 antibody detected the BRP44 protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-MPC2 antibody	Cell Biology
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	219521872
NCBI GeneID	25874
NCBI Accession #	NP_001137146.1; NP_056230.1
NCBI GenBank Nucleotide #	NM_001143674.3
UniProt Accession #	O95563; Q3SXR6; Q6FIF3; A8K261
Molecular Weight	14279
NCBI Official Full Name	mitochondrial pyruvate carrier 2
NCBI Official Synonym Full Names	mitochondrial pyruvate carrier 2
NCBI Official Symbol	MPC2
NCBI Official Synonym Symbols	BRP44
NCBI Protein Information	mitochondrial pyruvate carrier 2
UniProt Protein Name	Mitochondrial pyruvate carrier 2
UniProt Gene Name	MPC2
UniProt Synonym Gene Names	BRP44
UniProt Entry Name	MPC2_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.