

Product datasheet for **TA365211**

BRP44L (MPC1) Rabbit Polyclonal Antibody

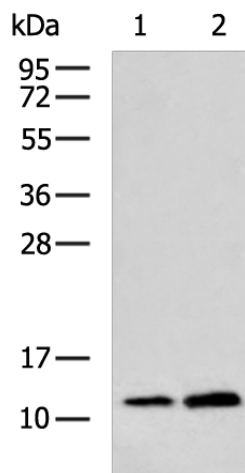
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse kidney tissue, Mouse liver tissue lysates IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human MPC1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	12 kDa
Gene Name:	mitochondrial pyruvate carrier 1
Database Link:	Entrez Gene 51660 Human Q9Y5U8
Background:	The protein encoded by this gene is part of an MPC1/MPC2 heterodimer that is responsible for transporting pyruvate into mitochondria. The encoded protein is found in the inner mitochondrial membrane. Defects in this gene are a cause of mitochondrial pyruvate carrier deficiency. Several transcript variants, some protein coding and one non-protein coding, have been found for this gene.
Synonyms:	0610006G08Rik; 3830411I18Rik; Brp44l

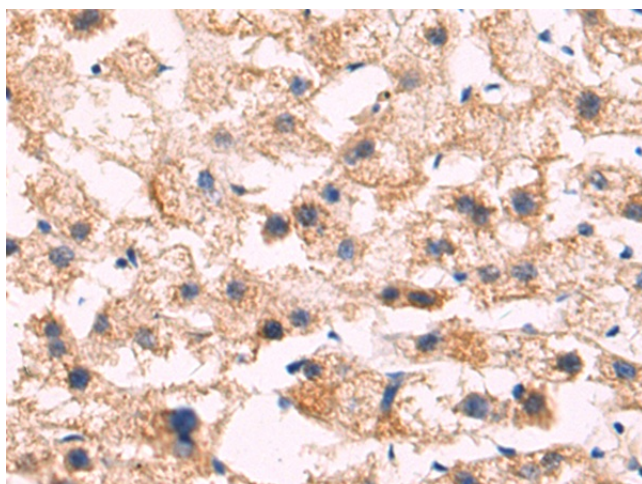


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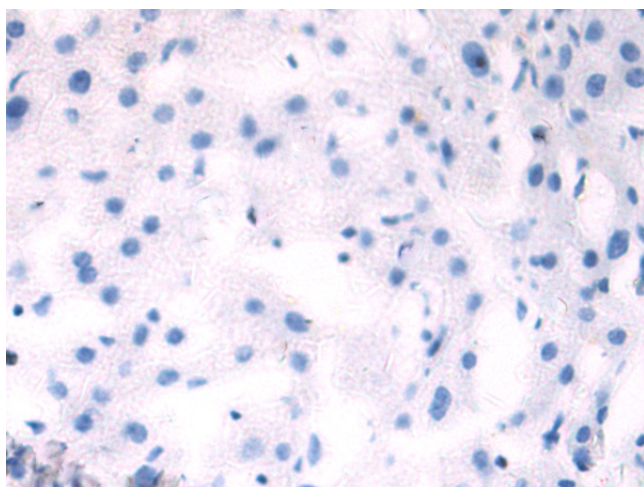
Product images:



Gel: 12%SDS-PAGE
Lysate: 40 μ g
Lane 1-2: Mouse kidney tissue
Mouse liver tissue lysates
Primary antibody: TA365211 (MPC1 Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 3 seconds



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA365211 (MPC1 Antibody) at dilution 1/60 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA365211 (MPC1 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)