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Brp44L Polyclonal Antibody

Catalog # AP68715

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9Y5U8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12347

Additional Information

Gene ID	51660
Other Names	MPC1; BRP44L; CGI-129; HSPC040; PNAS-115; Mitochondrial pyruvate carrier 1; Brain protein 44-like protein
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

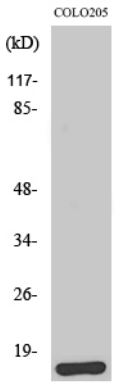
Protein Information

Name	MPC1
Synonyms	BRP44L
Function	Mediates the uptake of pyruvate into mitochondria to maintain the balance between glycolysis and oxidative phosphorylation (PubMed:22628558, PubMed:26253029, PubMed:27317664, PubMed:40044865, PubMed:40101766). Plays an essential role in cellular metabolism (PubMed:40044865, PubMed:40101766).
Cellular Location	Mitochondrion inner membrane; Multi-pass membrane protein

Background

Mediates the uptake of pyruvate into mitochondria.

Images



Western Blot analysis of various cells using Brp44L Polyclonal Antibody

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