
Product Name: OGCP Rabbit Polyclonal Antibody**Catalog #: APRab15118**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	35kDa

Antigen Information

Gene Name	SLC25A11
Alternative Names	SLC25A11; SLC20A4; Mitochondrial 2-oxoglutarate/malate carrier protein; OGCP; Solute carrier family 25 member 11
Gene ID	8402.0
SwissProt ID	Q02978
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC25A11. AA range:132-181

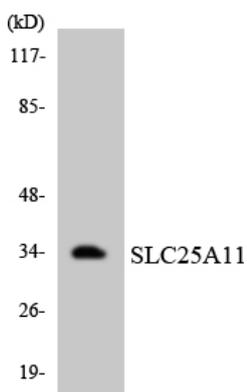
Background

The oxoglutarate/malate carrier transports 2-oxoglutarate across the inner membranes of mitochondria in an electroneutral exchange for malate or other dicarboxylic acids (summary by Iacobazzi et al., 1992 [PubMed 1457818]). [supplied by OMIM, Jan 2011], function: Catalyzes the transport of 2-oxoglutarate across the inner mitochondrial membrane in an electroneutral exchange for malate or other dicarboxylic acids, and plays an important role in several metabolic processes, including the malate-aspartate shuttle, the oxoglutarate/isocitrate shuttle, in gluconeogenesis from lactate, and in nitrogen metabolism., similarity: Belongs to the mitochondrial carrier family., similarity: Contains 3 Solcar repeats.,

Research Area

Carbohydrate metabolism; Metabolism; Pathways and Processes; Metabolic signaling pathways; Energy transfer pathways; Energy Metabolism; Mitochondrial Metabolism; Mitochondrial markers; Metabolism of carbohydrates; Cancer; Cancer Metabolism; Mitochondrial; Tags & Cell Markers; Subcellular Markers; Organelles; Mitochondria; Signal Transduction

Image Data



Western blot analysis of the lysates from HepG2 cells using SLC25A11 antibody.