



OGCP Polyclonal Antibody

Catalog No	YP-Ab-00712
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	SLC25A11
Immunogen	The antiserum was produced against synthesized peptide derived from human SLC25A11. AA range:132-181
Specificity	OGCP Polyclonal Antibody detects endogenous levels of OGCP protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	alpha-oxoglutarate carrier;M2OM;Mitochondrial 2-oxoglutarate/malate carrier; OGCP;SLC25A11;Mitochondrial 2-oxoglutarate/malate carrier protein;SLC20A4; Solute carrier family 25 member 11
Observed Band	35kD
Calculated Molecular Weight	35kD
Cell Pathway	Mitochondrion inner membrane ; Multi-pass membrane protein .
Tissue Specificity	B-cell lymphoma,Brain,Muscle,Tongue,Uterus,
Function	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.,



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],

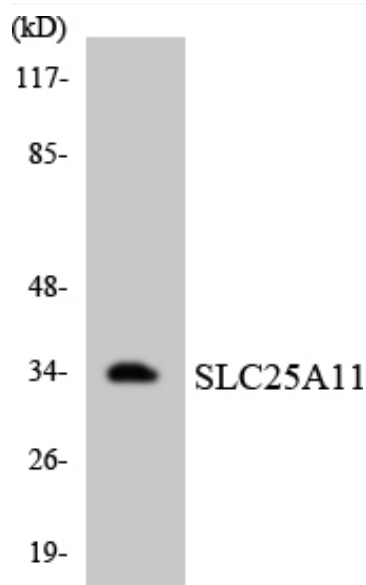
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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