



SLC25A29 mouse mAb

Catalog No	YP-mAb-17957
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SLC25A29 C14orf69
Immunogen	Synthesized peptide derived from human SLC25A29
Specificity	This antibody detects endogenous levels of SLC25A29 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C14orf69;CACT-like;Carnitine/acylcarnitine translocase-like;Mitochondrial basic amino acids transporter;Mitochondrial carnitine/acylcarnitine carrier protein CACL;SLC25A29;SLC25A29 C14orf69;Mitochondrial carnitine/acylcarnitine carrier protein CACL (CACT-like) (Solute carrier family 25 member 29)
Observed Band	32 kDa
Calculated Molecular Weight	303 aa, 32 kDa
Cell Pathway	Mitochondrion inner membrane ; Multi-pass membrane protein
Tissue Specificity	
Function	Transports arginine, lysine, homoarginine, methylarginine and, to a much lesser extent, ornithine and histidine . Can restore ornithine transport in cells lacking the primary mitochondrial ornithine transporter SLC25A15 . Does not transport carnitine nor acylcarnitines . Functions by both counter-exchange and uniport mechanisms .
Background	
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