



Anti-PQLC1 polyclonal antibody (DPABH-24916)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	ZC3H12A is an MCP1 (CCL2; MIM 158105)-induced protein that acts as a transcriptional activator and causes cell death of cardiomyocytes, possibly via induction of genes associated with apoptosis.[supplied by OMIM, Mar 2008]
Immunogen	Synthetic peptide conjugated to KLH, between amino acids 103-132 amino acids from the Central region of Human PQLC1 (NP_079354.2).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µl
Buffer	Constituents: PBS
Preservative	0.09% Sodium Azide
Storage	Store at 4°C (up to 6 months). For long term storage store at -20°C

BACKGROUND

Introduction

PQLC1 contains 2 PQ-loop domains. PQ-loop repeat family, a novel family of membrane proteins from *Arabidopsis thaliana*. The family consists of six members (AtPQL1-6) all predicted to contain seven transmembrane segments and two copies of the PQ-loop domain. The repeated PQ-loop domain is a well conserved feature present in several eukaryotic proteins. Although most PQ-loop repeat proteins are of unknown function some have been characterised from non-plant species. CTNS - a lysosomal cystine transporter from humans, STM1 - a putative G-protein coupled receptor from *Schizosaccharomyces pombe*, ERS1 - a *Saccharomyces cerevisiae* protein isolated as a suppressor of a trafficking mutant and LEC35/MPDU1 - an endoplasmic reticulum protein from mammals involved in the utilisation of dolichol monosaccharides during glycosylation.

Keywords

PQLC1;PQ loop repeat containing 1;PQ-loop repeat-containing protein 1;Solute carrier family 66 member 2;SLC66A2

GENE INFORMATION

Gene Name

SLC66A2

Official Symbol

PQLC1

Synonyms

PQLC1; PQ loop repeat containing 1; PQ-loop repeat-containing protein 1;

Entrez Gene ID

[80148](#)

Protein Refseq

[NP_001139815.1](#)

UniProt ID

[Q8N2U9](#)