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PQLC2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13107b

Specification

PQLC2 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q6ZP29
Other Accession	NP_060235.2, NP_001035214.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**31947**
Antigen Region	**222-251**

PQLC2 Antibody (C-term) - Additional Information

Gene ID 54896

Other Names
Lysosomal amino acid transporter 1 homolog, PQ-loop repeat-containing protein 2, PQLC2

Target/Specificity
This PQLC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 222-251 amino acids from the C-terminal region of human PQLC2.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PQLC2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PQLC2 Antibody (C-term) - Protein Information

Name SLC66A1 (HGNC:26001)

Function Amino acid transporter that specifically mediates the pH- dependent export of the

cationic amino acids arginine, histidine and lysine from lysosomes.

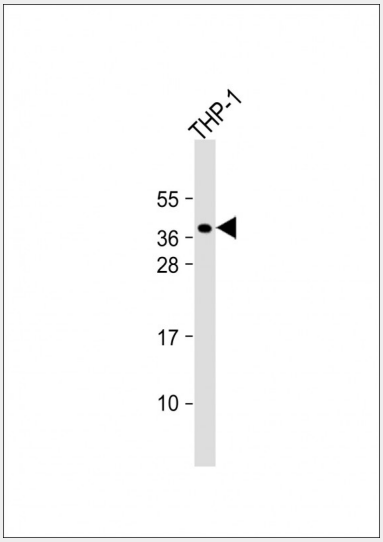
Cellular Location
Lysosome membrane; Multi-pass membrane protein

PQLC2 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

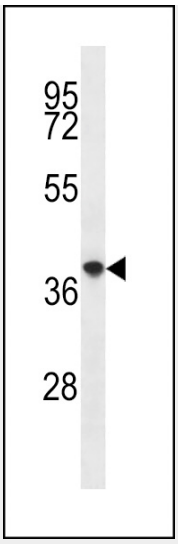
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PQLC2 Antibody (C-term) - Images

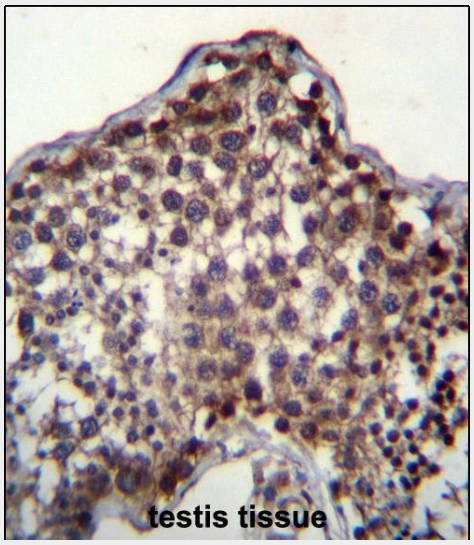


Anti-PQLC2 Antibody (C-term) at 1:1000 dilution + THP-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 32 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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PQLC2 Antibody (C-term) (Cat. #AP13107b) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the PQLC2 antibody detected the PQLC2 protein (arrow).



PQLC2 Antibody (C-term) (Cat. #AP13107b)immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PQLC2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

PQLC2 Antibody (C-term) - Background

The specific function of this protein remains unknown. There are 3 named isoforms.

PQLC2 Antibody (C-term) - References

Gregory, S.G., et al. Nature 441(7091):315-321(2006)