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PQLC2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13107b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q6ZP29
Other Accession	NP_060235.2, NP_001035214.1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31429
Calculated MW	31947
Antigen Region	222-251

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~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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.

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

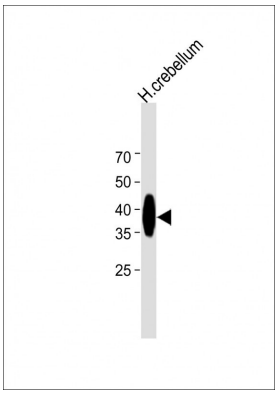
Background

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

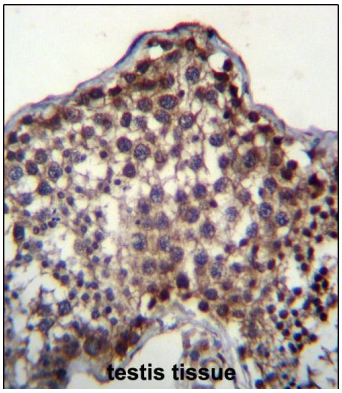
References

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

Images



All lanes: Anti-PQLC2 Antibody (C-term) at 1:1000 dilution + Human crebellum lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 36 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.