

Datasheet for ABIN2783966
anti-PQLC1 antibody (Middle Region)[1 Image](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PQLC1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Cow, Rat, Sheep, Guinea Pig, Horse, Pig, Rabbit, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PQLC1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PQLC1
Sequence:	TYLSIDSALF VETLGFLAVL TEAMLGVPQL YRNHRHQSTE GMSIKMVLmw
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 79%, Pig: 93%, Rabbit: 93%, Rat: 86%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against PQLC1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PQLC1
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Target Details

Alternative Name:	PQLC1 (PQLC1 Products)
Background:	<p>PQLC1 is a multi-pass membrane protein. It contains 2 PQ-loop domains. The exact function of PQLC1 remains unknown.</p> <p>Alias Symbols: FLJ22378</p> <p>Protein Interaction Partner: ADH5, UBC,</p> <p>Protein Size: 271</p>
Molecular Weight:	30 kDa
Gene ID:	80148
NCBI Accession:	NM_025078 , NP_079354
UniProt:	Q8N2U9

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 271 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-PQLC1 Antibody Titration: 0.2-1 ug/ml Positive Control: Hela cell lysate