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anti-PPHLN1 antibody (N-Term)

Images



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Quantity:	100 μL	
Target:	PPHLN1	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PPHLN1 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PPHLN1	
Sequence:	MAYRRDEMWS EGRYEYERIP RERAPPRSHP SDGYNRLVNI VPKKPPLLDR	
Predicted Reactivity:	Dog: 92%, Horse: 80%, Human: 100%, Mouse: 92%, Pig: 85%, Rabbit: 85%, Rat: 92%	
Characteristics:	This is a rabbit polyclonal antibody against PPHLN1. It was validated on Western Blot.	
Purification:	Affinity Purified	
Target Details		
Target:	PPHLN1	
Alternative Name:	PPHLN1 (PPHLN1 Products)	

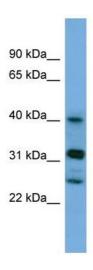
Target Details

Background:	The protein encoded by this gene is one of the several proteins that become sequentially				
	incorporated into the cornified cell envelope during the terminal differentiation of keratinocyte				
	at the outer layers of epidermis. This protein interacts with periplakin, which is known as a				
	precursor of the cornified cell envelope. The cellular localization pattern and insolubility of this				
	protein suggest that it may play a role in epithelial differentiation and contribute to epidermal integrity and barrier formation. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed.				
	Alias Symbols: HSPC206, HSPC232, MGC48786				
	Protein Interaction Partner: MTUS2, SNCAIP, CCDC57, TSGA10, UBC, BMI1, CLK2, CDK6,				
	PAXIP1, BRCA1, APP, VIM, ELAVL1, NAGK, SEPT8, CDC37, SQSTM1, UFD1L, TP53BP2, BCL2L1,				
	PPHLN1, PPL, CASP5, TOMM20, TGM2,				
	Protein Size: 374				
Molecular Weight:	43 kDa				
Gene ID:	51535				
NCBI Accession:	NM_201515, NP_958923				
Application Details					
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.				
Comment:	Antigen size: 374 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.

Images



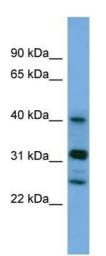
Western Blotting

Image 1. WB Suggested Anti-PPHLN1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human Liver



Rabbit Anti-PPHLN1 Antibody Catalog Number: ARP57819 Lot Number: QC29400

Lane: Fetal Liver Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-PPHLN1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control: Human Liver