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Datasheet for ABIN2779004 anti-RPP29 antibody (C-Term)

2 Images



Overview

Quantity:	100 μL
Target:	RPP29 (POP4)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig, Horse, Rabbit, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPP29 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human POP4
Sequence:	EDRLKVIPKL NCVFTVETDG FISYIYGSKF QLRSSERSAK KFKAKGTIDL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Yeast: 91%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against POP4. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified
Target Details	
Target:	RPP29 (POP4)

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Target Details

Alternative Name:	POP4 (POP4 Products)
Background:	POP4 is a part of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends. It may function with RPP38 to coordinate the nucleolar targeting and/or assembly of RNase P. Alias Symbols: RPP29 Protein Interaction Partner: UBC, POP1, RPP14, RPP25, POP5, RPP38, RPP30, POP4, RMRP, RPPH1,
Molecular Weight:	Protein Size: 220 24 kDa
Gene ID:	10775
NCBI Accession:	NM_006627, NP_006618
UniProt:	095707

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 220 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.

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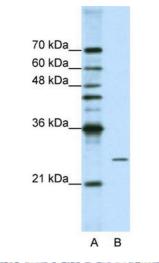
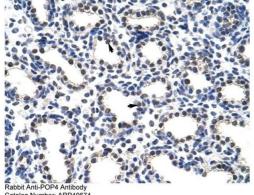




Image 1. WB Suggested Anti-POP4 Antibody Titration: 1.25ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate

Immunohistochemistry

Image 2. Rabbit Anti-POP4 Antibody Paraffin Embedded Tissue: Human Lung Cellular Data: Alveolar cells Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



Catalog Number: ARP40674 Lot Number: QC9807 Paraffin Embeded Tissue: Human Lung Cells with Positive label: Alveolar cells (Indicated with Arrows) Antibody Concentration: 4.0-8.0 µg/ml Magnification: 400X

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