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anti-POP5 antibody (Middle Region)

2 Images



Go to Product page

Overview

Quantity:	100 μL
Target:	POP5
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Guinea Pig, Horse, Mouse, Zebrafish (Danio rerio), Cow, Rabbit, Dog, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POP5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human POP5
Sequence:	IRTCQKFLIQ YNRRQLLILL QNCTDEGERE AIQKSVTRSC LLEEEEESGE
Predicted Reactivity:	Cow: 100%, Dog: 92%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 83%
Characteristics:	This is a rabbit polyclonal antibody against POP5. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	POP5
Alternative Name:	POP5 (POP5 Products)

Target Details

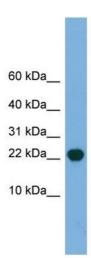
Background:	POP5 is a component of ribonuclease P, a protein complex that generates mature tRNA
	molecules by cleaving their 5'-ends.POP5 is also a component of RNase MRP.
	Alias Symbols: HSPC004, RPP2, RPP20, hPop5
	Protein Interaction Partner: TRAF1, REL, CAMK2B, KRT40, CEP44, CCDC102B, UBC, RPP14,
	RPP25, POP5, POP4, POP1,
	Protein Size: 163
Molecular Weight:	19 kDa
Gene ID:	51367
NCBI Accession:	NM_015918, NP_057002
UniProt:	Q969H6

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 163 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.

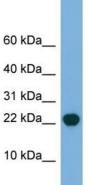


Western Blotting

Image 1. WB Suggested Anti-POP5 Antibody Titration:

0.2-1 ug/ml

Positive Control: Human Lung



Rabbit Anti-POP5 Antibody Catalog Number: ARP56774 Lot Number: QC29062 Lane: Fetal Lung Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 10-20%

Western Blotting

Image 2. WB Suggested Anti-POP5

Antibody Titration: 0.2-1 $\mu g/mL$

Positive Control: Human Lung