

Datasheet for ABIN651129

anti-POLR3H antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	POLR3H
Binding Specificity:	AA 5-33, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR3H antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This RPC8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 5-33 amino acids from the N-terminal region of human RPC8.
Clone:	RB24730
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	POLR3H
Alternative Name:	RPC8 (POLR3H Products)
Background:	RPC8 is DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using

Target Details

the four ribonucleoside triphosphates as substrates. Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. It is plays a key role in sensing and limiting infection by intracellular bacteria and DNA viruses. It is acting as nuclear and cytosolic DNA sensor involved in innate immune response. It can sense non-self dsDNA that serves as template for transcription into dsRNA. The non-self RNA polymerase III transcripts, such as Epstein-Barr virus-encoded RNAs (EBERs) induce type I interferon and NF-Kappa-B through the RIG-I pathway.

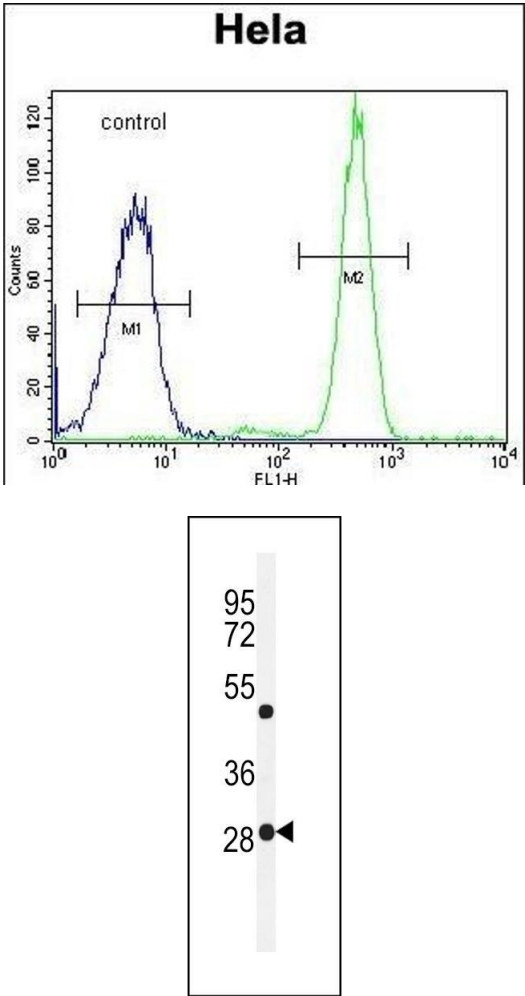
Molecular Weight:	22918
Gene ID:	171568
NCBI Accession:	NP_001018060 , NP_001018062 , NP_612211
UniProt:	Q9Y535

Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. RPC8 Antibody (N-term) (ABIN651129 and ABIN2840087) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of RPC8 Antibody (N-term) (ABIN651129 and ABIN2840087) in mouse testis tissue lysates (35 µg/lane). RPC8 (arrow) was detected using the purified Pab.