Datasheet for ABIN7150456 anti-POLR3B antibody (AA 831-939) (FITC)

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Overview

Quantity:	100 µg
Target:	POLR3B
Binding Specificity:	AA 831-939
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR3B antibody is conjugated to FITC
Application:	Please inquire

## Product Details

Immunogen:	Recombinant Human DNA-directed RNA polymerase III subunit RPC2 protein (831-939AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	POLR3B
Alternative Name:	POLR3B (POLR3B Products)
Background:	Background: DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA
	using the four ribonucleoside triphosphates as substrates. Second largest core component of

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	RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. Proposed to
	contribute to the polymerase catalytic activity and forms the polymerase active center together
	with the largest subunit. Pol III is composed of mobile elements and RPC2 is part of the core
	element with the central large cleft and probably a clamp element that moves to open and
	close the cleft (By similarity). Plays a key role in sensing and limiting infection by intracellular
	bacteria and DNA viruses. Acts as nuclear and cytosolic DNA sensor involved in innate immune
	response. 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.
	Aliases: C128 antibody, DNA directed RNA polymerase III 127.6 kDa polypeptide antibody, DNA
	directed RNA polymerase III subunit B antibody, DNA-directed RNA polymerase III 127.6 kDa
	polypeptide antibody, DNA-directed RNA polymerase III subunit B antibody, DNA-directed RNA
	polymerase III subunit RPC2 antibody, FLJ10388 antibody, polr3b antibody, Polymerase (RNA)
	III (DNA directed) polypeptide B antibody, RNA polymerase III subunit C2 antibody, RNA
	polymerase III subunit RPC2 antibody, RPC2 antibody, RPC2_HUMAN antibody
UniProt:	Q9NW08
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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