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Datasheet for ABIN7150451 anti-POLR3K antibody (AA 1-108) (Biotin)

Overview

Quantity:	100 µg
Target:	POLR3K
Binding Specificity:	AA 1-108
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR3K antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human DNA-directed RNA polymerase III subunit RPC10 protein (1-108AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	POLR3K
Alternative Name:	POLR3K (POLR3K Products)
Background:	Background: DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase III

Target Details

which synthesizes small RNAs, such as 5S rRNA and tRNAs. 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: C11 antibody, C11 RNP3 antibody, DNA directed RNA polymerase III subunit K antibody, DNA directed RNA polymerase III subunit RPC10 antibody, DNA directed RNA polymerases III 12.5 kDa polypeptide antibody, DNA-directed RNA polymerase III subunit K antibody, DNA-directed RNA polymerase III subunit RPC10 antibody, hRPC11 antibody, HsC11p antibody, My010 antibody, POLR3K antibody, Polymerase (RNA) III (DNA directed) polypeptide K antibody, Polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa antibody, RNA polymerase III 12.5 kDa subunit antibody, RNA polymerase III subunit (hRPC11) antibody, RNA polymerase III subunit C10 antibody, RNA polymerase III subunit C11 antibody, RNA polymerase III subunit CII antibody, RPC10 antibody, RPC10_HUMAN antibody, RPC11 antibody, RPC12.5 antibody

UniProt: [Q9Y2Y1](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

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.