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Datasheet for ABIN7150458
anti-POLR3C antibody (AA 1-534)

1 Image

Overview

Quantity:	100 µg
Target:	POLR3C
Binding Specificity:	AA 1-534
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR3C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human DNA-directed RNA polymerase III subunit RPC3 protein (1-534AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	POLR3C
Alternative Name:	POLR3C (POLR3C Products)
Background:	Background: DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific core component of RNA

Target Details

polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. May direct with other members of the subcomplex RNA Pol III binding to the TFIIIB-DNA complex via the interactions between TFIIIB and POLR3F. May be involved either in the recruitment and stabilization of the subcomplex within RNA polymerase III, or in stimulating catalytic functions of other subunits during initiation. 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: DNA directed III 62 kDa polypeptide antibody, DNA-directed RNA polymerase III subunit C antibody, DNA-directed RNA polymerase III subunit rpc3 antibody, POLR3C antibody, Polymerase (RNA) III (DNA directed) polypeptide C (62kD) antibody, RNA polymerase C subunit 3 antibody, RNA polymerase III 62 kDa subunit antibody, RNA polymerase III C62 subunit antibody, RNA polymerase III subunit C3 antibody, RPC3 antibody, RPC3_HUMAN antibody, RPC62 antibody

UniProt: [Q9BU14](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

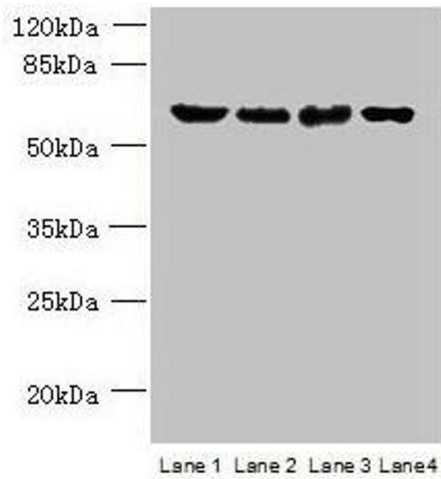
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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.



Western Blotting

Image 1. Western blot All lanes: POLR3C antibody at 2 μ g/mL Lane 1: 293T whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: Mouse brain tissue Lane 4: THP-1 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 61 kDa Observed band size: 61 kDa