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Datasheet for ABIN7150485

anti-POLR2E antibody (AA 1-210) (Biotin)

Overview

Quantity:	100 µg
Target:	POLR2E
Binding Specificity:	AA 1-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR2E antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human DNA-directed RNA polymerases I, II, and III subunit RPABC1 protein (1-210AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	POLR2E
Alternative Name:	POLR2E (POLR2E Products)
Background:	Background: DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA

Target Details

using the four ribonucleoside triphosphates as substrates. Common component of RNA polymerases I, II and III which synthesize ribosomal RNA precursors, mRNA precursors and many functional non-coding RNAs, and small RNAs, such as 5S rRNA and tRNAs, respectively. Pol II is the central component of the basal RNA polymerase II transcription machinery. Pols are composed of mobile elements that move relative to each other. In Pol II, POLR2E/RPB5 is part of the lower jaw surrounding the central large cleft and thought to grab the incoming DNA template. Seems to be the major component in this process (By similarity).

Aliases: and III subunit ABC1 antibody, and III subunit RPABC1 antibody, DNA directed RNA polymerase II 23 kDa polypeptide antibody, DNA directed RNA polymerase II 23 kDa polypeptide antibody, DNA directed RNA polymerase II polypeptide E antibody, DNA directed RNA polymerase II subunit E antibody, DNA directed RNA polymerases I II and III subunit RPABC1 antibody, DNA-directed RNA polymerase II 23 kDa polypeptide antibody, DNA-directed RNA polymerase II subunit E antibody, DNA-directed RNA polymerases I antibody, hRPB25 antibody, hsRPB5 antibody, II antibody, Polr2e antibody, Polymerase (RNA) II (DNA directed) polypeptide E (25kD) antibody, Polymerase (RNA) II (DNA directed) polypeptide E, 25 kDa antibody, RNA polymerases I antibody, RNA polymerases I, II, and III subunit ABC1 antibody, RPAB1_HUMAN antibody, RPABC1 antibody, RPB5 antibody, RPB5 homolog antibody, XAP4 antibody

UniProt: [P19388](#)

Pathways: [Regulatory RNA Pathways](#)

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

Handling

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.