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Datasheet for ABIN7117681 **anti-POLR3D antibody**

Overview

Quantity:	100 µg
Target:	POLR3D
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POLR3D antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	polymerase(RNA) III(DNA directed) polypeptide D, 44kDa
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	POLR3D
Alternative Name:	POLR3D (POLR3D Products)
Background:	Synonyms:BN51, BN51T Background:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. Plays a key role in sensing and limiting infection by intracellular bacteria

Target Details

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(By similarity).

Molecular Weight: 44 kDa

Gene ID: 661

UniProt: [P05423](#)

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months