

POLR3D antibody

Product Information

Catalog No.:	FNab06631
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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 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).

Immunogen information

Immunogen:	polymerase(RNA) III(DNA directed) polypeptide D, 44kDa
Synonyms:	DNA-directed RNA polymerase III subunit RPC4 (RNA polymerase III subunit C4) DNA-directed RNA polymerase III subunit D Protein BN51 RNA polymerase III 47 kDa subunit RPC53 homolog POLR3D BN51 BN51T
Observed MW:	44 kDa
Uniprot ID :	P05423

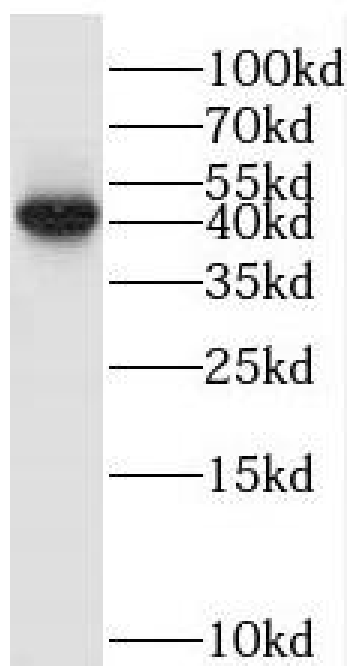
Application

Reactivity:	Human, Mouse, Rat
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Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



HeLa cells were subjected to SDS PAGE followed by western blot with FNab06631(POLR3D antibody) at dilution of 1:1000