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anti-POLR3D antibody



Image



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

Product Details

Immunogen:	Synthesized peptide derived from internal of Human RPC4.	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.	

Target Details

Target:	POLR3D
Alternative Name:	POLR3D (POLR3D Products)
Background: Background: DNA-dependent RNA polymerase catalyzes the transcription of DN using the four ribonucleoside triphosphates as substrates. Specific peripheric c	
	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.

Ittmann M., Mol. Cell. Biol. 7:3386-3393(1987).

Hu P., Mol. Cell. Biol. 22:8044-8055(2002).

Kalnine N., Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

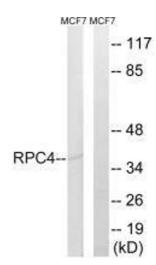
Aliases: POLR3D antibody, BN51 antibody, BN51T antibody, DNA-directed RNA polymerase III subunit RPC4 antibody, RNA polymerase III subunit C4 antibody, DNA-directed RNA polymerase III subunit D antibody, Protein BN51 antibody, RNA polymerase III 47 kDa subunit antibody, RPC53 homolog antibody

UniProt:

P05423

Application Details

Application Notes:	WB:1:500-1:3000,	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.	
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,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	



Western Blotting

Image 1. Western blot analysis of extracts from MCF-7 cells, using RPC4 antibody.