

小鼠抗 POLR3C 单克隆抗体

中文名称: 小鼠抗 POLR3C 单克隆抗体

英文名称: Anti-POLR3C mouse monoclonal antibody

别名: RPC3; RPC62

储存: 冷冻 (-20°C) 避光

宿主: Mouse

抗原: POLR3C

反应种属: Human

相关类别: 一抗

标记物: Unconjugate

克隆类型: mouse monoclonal

技术规格

Background:

DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific core component of RNA 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.
Applications:	WB, IHC, IF
Name of antibody:	POLR3C
Immunogen:	Fusion protein of human POLR3C
Full name:	polymerase (RNA) III (DNA directed) polypeptide C (62kD) (POLR3C), transcript variant 1
Synonyms:	RPC3; RPC62
SwissProt:	Q9BUI4
IHC positive control:	human bladder tissue and carcinoma of human thyroid tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	61 kDa
WB Positive control:	Hela, SVT2, A549, COS7, Jurkat, MDCK, MCF-7 cell lysates
WB Recommended dilution:	500-2000