



<b>Swiss-Prot No.:</b>	P61218
<b>Altermname:</b>	POLR2F
<b>Storage/Stability:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-127 of human POLR2F (NP_068809.1).
<b>Purification:</b>	Affinity purified
<b>Reactivity:</b>	Rat
<b>Other Names:</b>	RPB6; POLRF; RPC15; RPABC2; RPB14.4; HRBP14.4; RPABC14.4
<b>Cellular localization:</b>	DNA-directed RNA polymerase, Nucleus
<b>Relevance:</b>	DNA-dependent RNA polymerases catalyze the transcription of DNA into RNA 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, POLR2F/RPB6 is part of the clamp element and together with parts of RPB1 and RPB2

	forms a pocket to which the RPB4-RPB7 subcomplex binds .
<b>Source:</b>	Rabbit
<b>Antibody type:</b>	Polyclonal antibody
<b>Isotype:</b>	Rabbit IgG
<b>Molecular Weight:</b>	14kDa
<b>Preservative:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Recommended Dilutions:</b>	WB 1:500 - 1:2000(Optimal dilutions should be determined by the end user)