



<b>Swiss-Prot No.:</b>	P36954
<b>Altermname:</b>	POLR2I
<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 1-125 of human POLR2I (NP_006224.1).
<b>Purification:</b>	Affinity purified
<b>Reactivity:</b>	Human,Mouse
<b>Other Names:</b>	RPB9; hRPB14.5
<b>Cellular localization:</b>	DNA-directed RNA polymerase, Nucleus
<b>Relevance:</b>	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. Pol II is the central component of the basal RNA polymerase II transcription machinery. It is composed of mobile elements that move relative to each other. RPB9 is part of the upper jaw surrounding the central large cleft and thought to grab the incoming DNA template .
<b>Source:</b>	Rabbit

<b>Antibody type:</b>	Polyclonal antibody
<b>Isotype:</b>	Rabbit IgG
<b>Molecular Weight:</b>	15kDa
<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)