

	<h1>Phospho-POLR2A-S2 pAb</h1>	E 9 P 0 7 4 9
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<b>Swiss-Prot No.:</b>	P24928
<b>Storage/Stability:</b>	Store at -20°C. Avoid freeze / thaw cycles.   Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Immunogen:</b>	A phospho specific peptide corresponding to residues surrounding S2 of human POLR2A
<b>Purification:</b>	Affinity purification
<b>Reactivity:</b>	Human
<b>Other Names:</b>	—
<b>Background:</b>	This gene encodes the largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene contains a carboxy terminal domain composed of heptapeptide repeats that are essential for polymerase activity. These repeats contain serine and threonine residues that are phosphorylated in actively transcribing RNA polymerase. In addition, this subunit, in combination with several other polymerase subunits, forms the DNA binding domain of the polymerase, a groove in which the DNA template is transcribed into RNA.
<b>Gene ID:</b>	5430
<b>Source:</b>	Rabbit
<b>Antibody type:</b>	Phosphorylated Antibodies

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<b>Isotype:</b>	IgG
<b>Molecular Weight:</b>	63kDa/217kDa
<b>Recommended Dilutions:</b>	WB 1:1000 - 1:2000 IF 1:50 - 1:100 IP 1:50 - 1:100