

# RNA polymerase beta Antibody

Rabbit mAb

Catalog # AP91526

## Product Information

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<b>Application</b>	WB, IP
<b>Primary Accession</b>	<a href="#">P0A8V2</a>
<b>Reactivity</b>	E. coli
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	groN; nitB; rif; RNA pol beta; RNA polymerase subunit beta; ron; rpoB; stl; stv; tabD; Transcriptase subunit beta;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	150632

## Additional Information

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<b>Dilution</b>	WB 1:500~1:2000 IP 1:20
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human RNA polymerase beta
<b>Description</b>	RNA polymerase beta (rpoB) is the $\beta$ subunit of the bacterial RNA polymerase and is the subunit which possesses the polymerase activity. This protein is a highly conserved enzyme contained by many bacteria and has been reported as a useful marker for studies in bacterial identification and ecology.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

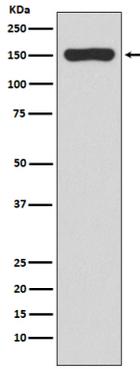
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<b>Name</b>	rpoB
<b>Synonyms</b>	groN, nitB, rif, ron, stl, stv, tabD
<b>Function</b>	DNA-dependent RNA polymerase (RNAP) catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates.

## Images

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Western blot analysis of RNA polymerase beta expression in E.coli lysate.



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