

## Rpb1 CTD(Phospho-Ser2) Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP12337
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized phospho peptide around human Rpb1 CTD (Ser2)
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Rpb1 CTD
<b>Synonyms</b>	Rpb1 CTD ;Ser2 ; DNA-directed RNA polymerase II subunit RPB1; RNA polymerase II subunit B1; EC 2.7.7.6; DNA-directed RNA polymerase II subunit A; DNA-directed RNA polymerase III largest subunit; RNA-directed RNA polymerase II subunit RPB1; EC 2.7.7.48

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

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.

### Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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