

Rpb1 CTD(Phospho-Ser5) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04535
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phospho peptide around human Rpb1 CTD (Ser5)
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Rpb1 CTD
Synonyms	Rpb1 CTD ;Ser5 ; 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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