

Phospho-RNA polymerase II CTD repeat YSPTSPS (Ser5) Rabbit pAb

db5524

Package : 20μL 50μL 100μL

Product Name : Phospho-RNA polymerase II CTD repeat YSPTSPS (Ser5) Rabbit pAb**Cat.No.:** db5524**Synonyms** : RPB1; RPO2; POLR2; POLRA; RPBh1; RPOL2; RpIIIS; hsRPB1; hRPB220**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Ser5 of human RNA polymerase II CTD repeat YSPTSPS

Gene ID

5430

Swiss Prot

P24928

Synonyms

RPB1; RPO2; POLR2; POLRA; RPBh1; RPOL2; RpIIIS; hsRPB1; hRPB220

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000

IHC: 1:50

ICC/IF: 1:50

FC: 1:20

IP: 1:20

Calculated MW

192 kDa

Observed MW

250 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.