

POLR2A Rabbit Polyclonal Antibody



CAB11181

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

250kDa

Calculated MW:

63kDa/217kDa

Applications:

WB IHC IF IP ChIP

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200 IP
1:20 - 1:50 ChIP 1:20 - 1:50

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

5430

Uniprot

P24928

Synonyms:

POLR2A; POLR2; POLRA; RPB1; RPBh1; RPO2; RPOL2; RplIILS;
hRPB220; hsRPB1; Pol II

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human POLR2A (NP_000928.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images

