Product Name: Rpb1 Rabbit Monoclonal Antibody
Catalog #: AMRe21285

Summary

Production Name	Rpb1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC,IF,IP,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	Protein A

Immunogen

Gene Name	POLR2A
Alternative Names	POLR2A;POLR2;DNA-directed RNA polymerase II subunit RPB1;RNA polymerase II subunit B1;DNA-directed RNA polymerase II subunit A;DNA-directed RNA polymerase III largest subunit;RNA-directed RNA polymerase II subunit RPB1
Gene ID	5430.0
SwissProt ID	P24928.

Application

Dilution Ratio	IHC 1:50-1:200;WB 1:2000-1:10000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200;
Molecular Weight	Calculated MW:192kD;Observed MW:250kD

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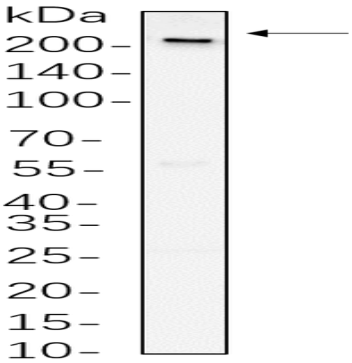
Background

Cell localization:Nucleus.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],

Research Area

Image Data



A549 whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with primary antibody(1:1000). The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Note

For research use only.