
Product Name: Rpb1 Rabbit Monoclonal Antibody**Catalog #: AMRe21285**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

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

Antigen Information

Gene Name	POLR2A POLR2A;POLR2;DNA-directed RNA polymerase II subunit RPB1;RNA polymerase II subunit
Alternative Names	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
Immunogen	A synthetic peptide corresponding to target protein

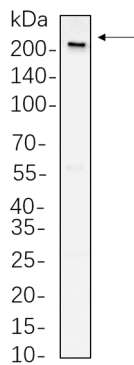
Background

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 Rpb1 Rabbit Monoclonal Antibody(1:1000). The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.