

A1785

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# RPB3/POLR2C Rabbit pAb

Catalog No.: A1785 **1 Publications**

## Basic Information

### Observed MW

38kDa

### Calculated MW

31kDa

### Category

Polyclonal Antibody

### Applications

WB,IP,ELISA

### Cross-Reactivity

Human,Mouse

## Background

This gene encodes the third largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene contains a cysteine rich region and exists as a heterodimer with another polymerase subunit, POLR2J. These two subunits form a core subassembly unit of the polymerase. A pseudogene has been identified on chromosome 21.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

## Immunogen Information

### Gene ID

5432

### Swiss Prot

P19387

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-275 of human RPB3/POLR2C (NP\_116558.1).

### Synonyms

RPB3; RPB31; hRPB33; hsRPB3; RPB3/POLR2C

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

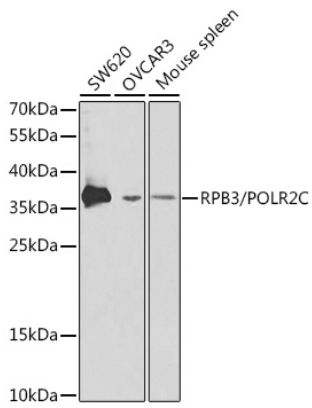
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of various lysates using RPB3/POLR2C Rabbit pAb (A1785) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.

Immunoprecipitation analysis of 150 µg extracts of SW620 cells using 3 µg RPB3/POLR2C antibody (A1785). Western blot was performed from the immunoprecipitate using RPB3/POLR2C antibody (A1785) at a dilution of 1:500.

