

A1859

Leader in Biomolecular Solutions for Life Science



POLR2D Rabbit pAb

Catalog No.: A1859 **1 Publications**

Basic Information

Observed MW

17kDa

Calculated MW

16kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,IP,ELISA

Cross-Reactivity

Human,Mouse

Background

This gene encodes the fourth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. In yeast, this polymerase subunit is associated with the polymerase under suboptimal growth conditions and may have a stress protective role. A sequence for a ribosomal pseudogene is contained within the 3' untranslated region of the transcript from this gene.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:10 - 1:100

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

Immunogen Information

Gene ID

5433

Swiss Prot

O15514

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-142 of human POLR2D (NP_004796.1).

Synonyms

RBP4; RPB4; RPB16; HSRBP4; HSRPB4; POLR2D

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

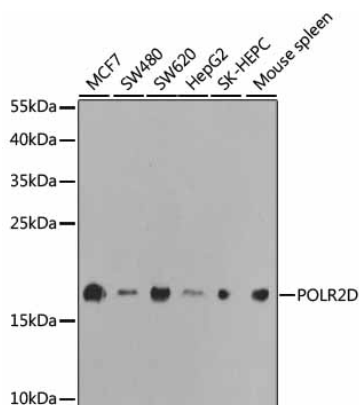
Affinity purification

Storage

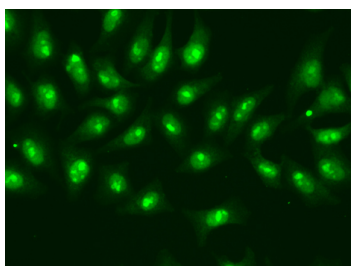
Store at -20°C. Avoid freeze / thaw cycles.

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

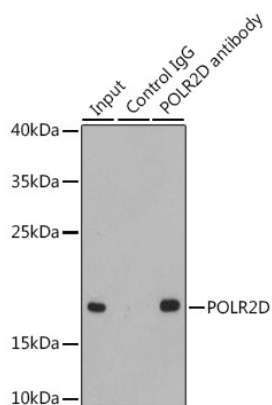
Validation Data



Western blot analysis of various lysates using POLR2D Rabbit pAb (A1859) 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.



Immunofluorescence analysis of A549 cells using POLR2D Rabbit pAb (A1859). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution.



Immunoprecipitation analysis of 200 µg extracts of HepG2 cells using 1 µg POLR2D antibody (A1859). Western blot was performed from the immunoprecipitate using POLR2D antibody (A1859) at a dilution of 1:1000.