

POLR2D Rabbit pAb

Catalog No.: A1859 **1 Publications**

Basic Information

Observed MW

17kDa

Calculated MW

16kDa

Category

Primary 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

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Contact

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Immunogen Information

Gene ID

5433

Swiss Prot

O15514

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

RBP4; RPB4; RPB16; HSRBP4; HSRPB4; POLR2D

Product Information

Source

Rabbit

Isotype

IgG

Purification

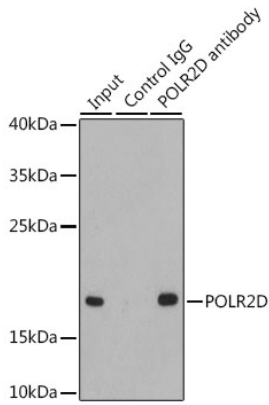
Affinity purification

Storage

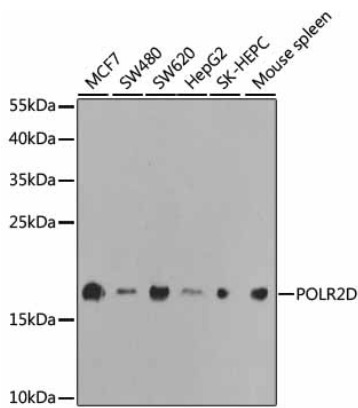
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

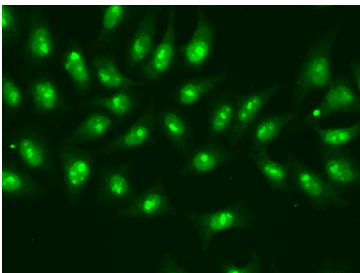
Validation Data



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.



Western blot analysis of various lysates using POLR2D Rabbit pAb (A1859) at 1:1000 dilution. Secondary antibody: HRP-conjugated 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-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution.