

## POLR2D Antibody

**CAB1859**

### Description

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This POLR2D Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB1859

**Contents:** 20  $\mu$ L, 100  $\mu$ L  
Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** RBP4, RPB4, RPB16, HSRBP4, HSRPB4, POLR2D

**Clone:** -

**Applications:** **WB** **IF/ICC** **IP** **ELISA**

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse

### Antibody Data

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**Gene ID:** 5433

**Uniprot:** AB\_2763894

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 17kDa

**Calculated MW:** 16kDa

## Preparation & Storage

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**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.

Store Bradford Reagent at Room Temperature for 1 Year.

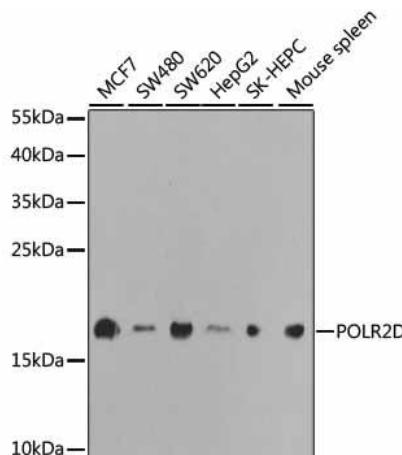
**Positive Sample:** MCF-7, SW480, SW620, HepG2, SK-HEPC, Mouse spleen

<b>Recommended Dilutions:</b>	<b>WB</b>	1:500 - 1:2000
	<b>IF/ICC</b>	1:10 - 1:100
	<b>IP</b>	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

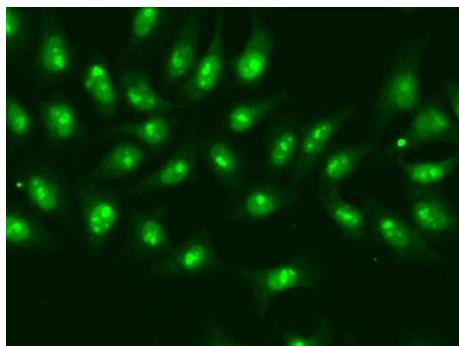
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

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Western blot analysis of various lysates using POLR2D Rabbit pAb (CAB1859) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of cells using POLR2D Rabbit pAb (CAB1859). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution.