

## Septin 2 Antibody

**CAB5801**

### Description

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This Septin 2 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:**

CAB5801

**Contents:**

20  $\mu$ L, 100  $\mu$ L

Bradford Reagent: 1 vial (2ml)

**Category:**

Polyclonal Antibody

**Synonyms:**

DIFF6, NEDD5, SEPT2, NEDD-5, Pnrtl3, hNedd5, Septin 2

**Clone:**

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**Applications:**

**WB** **IF/ICC** **ELISA**

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse

### Antibody Data

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**Gene ID:** 4735

**Uniprot:** AB\_2766553

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 41kDa

**Calculated MW:** 41kDa

## Preparation & Storage

**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.

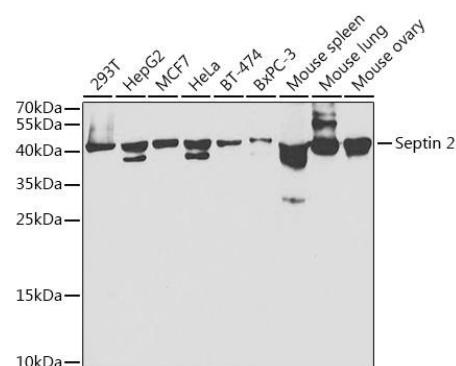
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** 293T, HepG2, MCF7, HeLa, BT-474, BxPC-3, Mouse spleen, Mouse lung, Mouse ovary

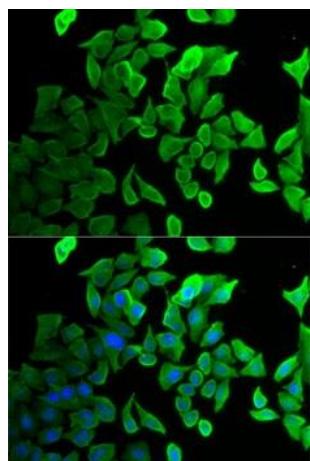
<b>Recommended Dilutions:</b>	<b>WB</b>	1:500 - 1:2000
	<b>IF/ICC</b>	1:50 - 1:100
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**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



Western blot analysis of various lysates using Septin 2 Rabbit pAb (CAB5801) 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. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Immunofluorescence analysis of U2OS cells using Septin 2 Rabbit pAb (CAB5801). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.