

## KPNA4 Antibody

**CAB2026**

### Description

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This KPNA4 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:** CAB2026

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

**Category:** Polyclonal Antibody

**Synonyms:** QIP1, SRP3, IPOA3, KPNA4

**Clone:** -

**Applications:** **WB** **IHC-P** **IF/ICC** **ELISA**

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 3840

**Uniprot:** AB\_2764050

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 58kDa

**Calculated MW:** 58kDa

## 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:** A-549

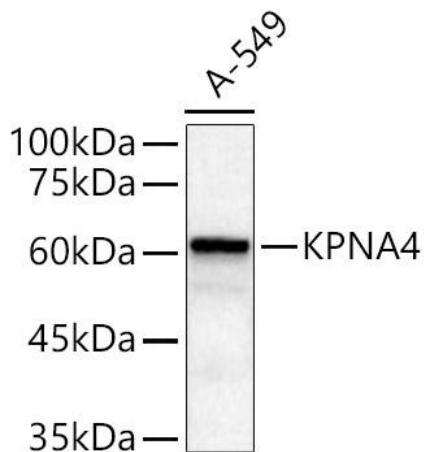
**Recommended Dilutions:**

|        |   |
|--------|---|
| WB     | 1:100 - 1:500   |
| IHC-P  | 1:50 - 1:200  |
| IF/ICC | 1:50 - 1:200  |
| ELISA  | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

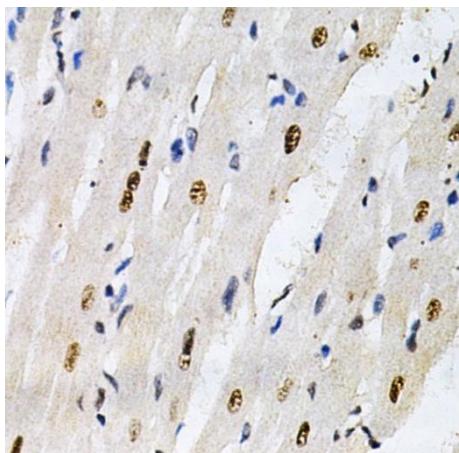
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

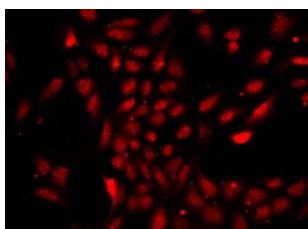
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Western blot analysis of lysates from A-549 cells, using KPNA4 Rabbit pAb (CAB2026) at 1:400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Rat heart using KPNA4 Rabbit pAb (CAB2026) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of U2OS cells using KPNA4 Rabbit pAb (CAB2026). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

