

## Cytokeratin 14 (KRT14) Antibody

CAB15069

### Description

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This Cytokeratin 14 (KRT14) 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:** CAB15069

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** K14, NFJ, CK14, EBS1, EBS3, EBS4, EBS1A, EBS1B, EBS1C, EBS1D, Cytokeratin 14 (KRT14)

**Clone:** -

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

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 3861

**Uniprot:** AB\_2761951

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 52kDa

**Calculated MW:** 52kDa

## 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.

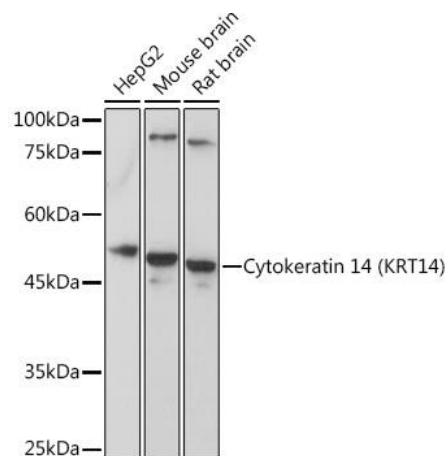
**Positive Sample:** HepG2, Mouse brain, Rat brain

**Recommended Dilutions:**

|               |   |
|---------------|---|
| <b>WB</b>     | 1:500 - 1:2000  |
| <b>IHC-P</b>  | 1:50 - 1:200  |
| <b>IF/ICC</b> | 1:50 - 1:200  |
| <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

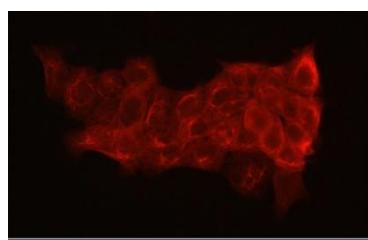
## Validation Data



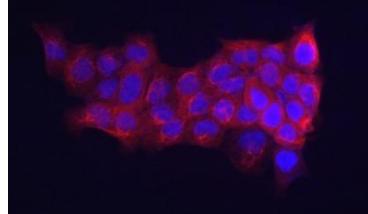
Western blot analysis of various lysates using Cytokeratin 14 (Cytokeratin 14) Rabbit pAb (CAB15069) at 1:5000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Rat skin using Cytokeratin 14 Rabbit pAb (CAB15069) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunofluorescence analysis of A-431 cells using Cytokeratin 14 Rabbit pAb (CAB15069) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of A-431 cells using Cytokeratin 14 Rabbit pAb (CAB15069) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

