

## 14-3-3 sigma Antibody

**CAB1026**

### Description

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This 14-3-3 sigma 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:** CAB1026

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** YWHAS, 14-3-3 sigma

**Clone:** -

**Applications:** WB IHC-P ELISA

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 2810

**Uniprot:** AB\_2757787

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 28kDa

**Calculated MW:** 28kDa

## 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.

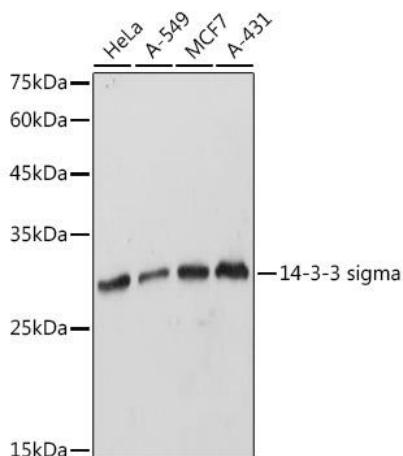
**Positive Sample:** HeLa, A-549, MCF7, A-431, Mouse lung, Mouse kidney, Rat lung

<b>Recommended Dilutions:</b>	<b>WB</b>	1:500 - 1:1000
	<b>IHC-P</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.

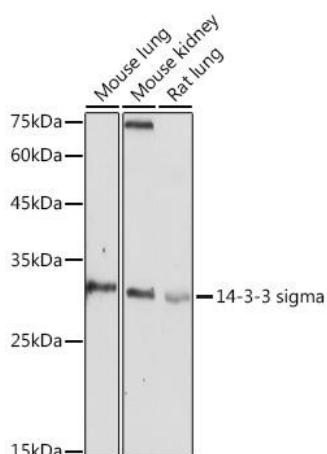
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

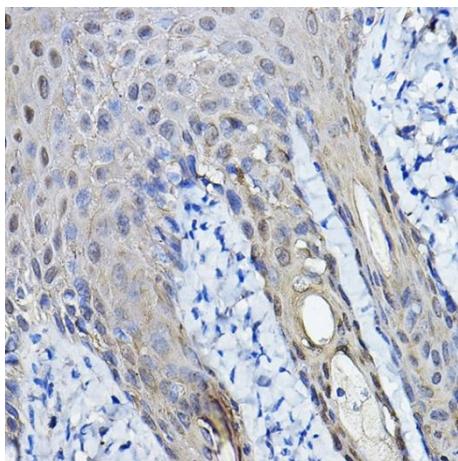
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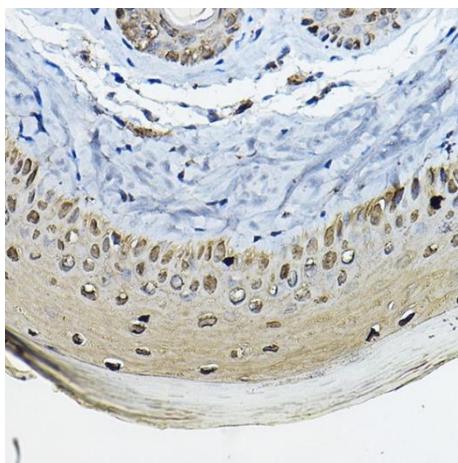
Western blot analysis of various lysates using 14-3-3 sigma Rabbit pAb (CAB1026) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Western blot analysis of various lysates using 14-3-3 sigma Rabbit pAb (CAB1026) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human skin using 14-3-3 sigma Rabbit pAb (CAB1026) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse skin using 14-3-3 sigma Rabbit pAb (CAB1026) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.