

## Pan DiMethyl-lysine Antibody

**CAB5870**

### Description

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This Pan DiMethyl-lysine 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:** CAB5870

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** -

**Clone:** -

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

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat, Other (Wide Range Predicted)

### Antibody Data

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**Gene ID:** -

**Uniprot:** AB\_2766619

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 15-60kDa

**Calculated MW:** -

## 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.

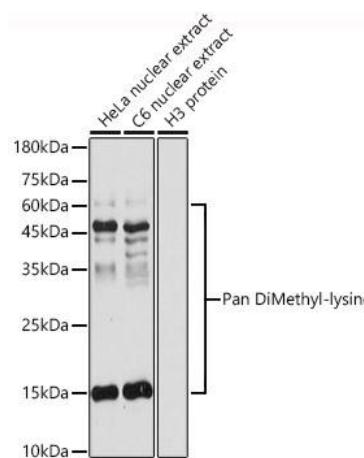
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HeLa acid extract, C6 acid extract, H3 protein

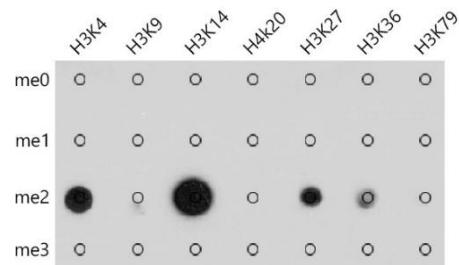
<b>Recommended Dilutions:</b>	<b>WB</b>	1:500 - 1:1000
	<b>IHC-P</b>	1:50 - 1:100
	<b>IF/ICC</b>	1:50 - 1:100
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**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

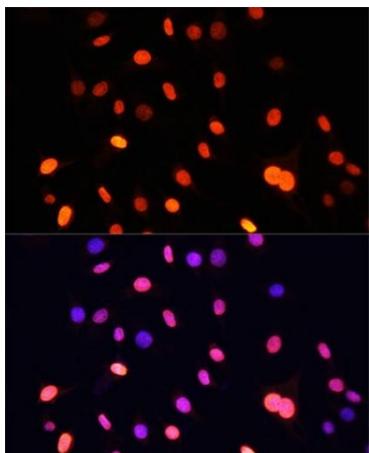
## Validation Data



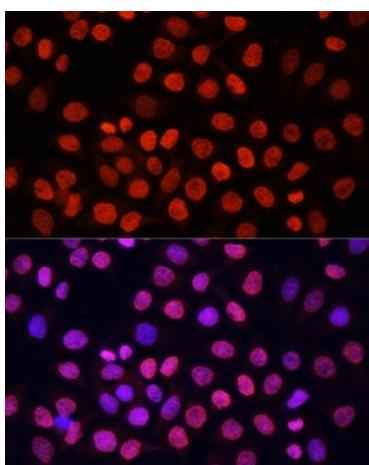
Western blot analysis of various lysates using Pan DiMethyl-lysine Rabbit pAb (CAB5870) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Dot-blot analysis of all sorts of methylation peptides using Pan DiMethyl-lysine antibody (CAB5870) at 1:1000 dilution.



Immunofluorescence analysis of cells using Pan DiMethyl-lysine Rabbit pAb (CAB5870) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using Pan DiMethyl-lysine Rabbit pAb (CAB5870) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.