

## pan-methyl-Histidine Polyclonal Antibody

CAB17948

### Description

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This pan-methyl-Histidine Polyclonal 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:** CAB17948

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** -

**Clone:** -

**Applications:** WB ELISA DB

**Conjugation:** -

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** -

**Uniprot:** AB\_2770786

**Host Species:** Rabbit

**Purification:** Affinity purification

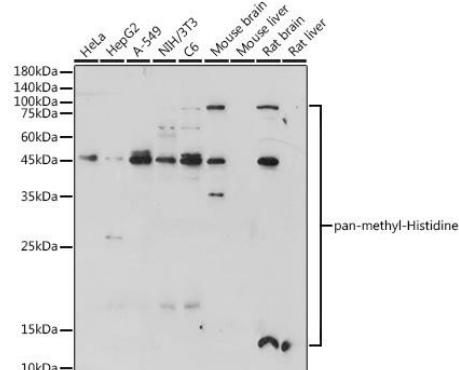
**Observed MW:** 10-100kDa

**Calculated MW:** -

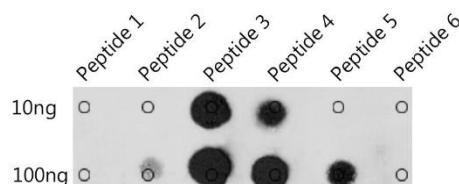
## Preparation & Storage

<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.						
	Store Bradford Reagent at Room Temperature for 1 Year.						
<b>Positive Sample:</b>	HeLa, HepG2, A-549, NIH/3T3, C6, Mouse brain, Mouse liver, Rat brain, Rat liver						
<b>Recommended Dilutions:</b>	<table border="1"> <tr> <td><b>WB</b></td><td>1:500 - 1:1000</td></tr> <tr> <td><b>DB</b></td><td>1:50 - 1:200</td></tr> <tr> <td><b>ELISA</b></td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	<b>WB</b>	1:500 - 1:1000	<b>DB</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.
<b>WB</b>	1:500 - 1:1000						
<b>DB</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.						
<b>Protein Quantification (Optional):</b>	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <a href="https://www.assaygenie.com/bradford-protein-assay-protocol/">https://www.assaygenie.com/bradford-protein-assay-protocol/</a> to view the full protocol						

## Validation Data



Western blot analysis of various lysates using pan-methyl-Histidine Rabbit pAb (CAB17948) 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 Enhanced Kit (AbGn00021). Exposure time: 300s.



Dot-blot analysis of all sorts using pan-methyl-Histidine pAb (CAB17948) at 1:1000 dilution. Peptide 1 : Peptide library (3-methylhistidine- intermediate) Peptide 2 : Peptide library (3-methylhistidine- C-terminal) Peptide 3 : Peptide library (1-methylhistidine- intermediate) Peptide 4 : Peptide library (1-methylhistidine- C-terminal) Peptide 5 : Histidine methylation modified peptide library mix Peptide 6 : Control peptide library mix