

## 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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<b>SKU:</b>	CAB17948
<b>Contents:</b>	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Polyclonal Antibody
<b>Synonyms:</b>	-
<b>Clone:</b>	-
<b>Applications:</b>	WB ELISA DB
<b>Conjugation:</b>	-
<b>Reactivity:</b>	Human, Mouse, Rat

### Antibody Data

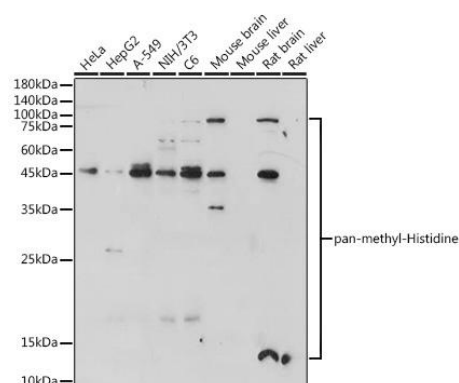
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<b>Gene ID:</b>	-
<b>Uniprot:</b>	AB_2770786
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	10-100kDa
<b>Calculated MW:</b>	-

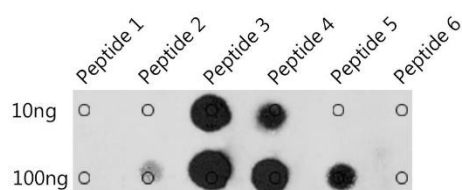
## Preparation & Storage

<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3. 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>	<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