

Lactic acid -Histone H4-K5 Antibody

CAB18829

Description

This Lactic acid -Histone H4-K5 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

SKU:	CAB18829
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	H4, H4/n, H4C1, H4C2, H4C3, H4C4, H4C5, H4C6, H4C8, H4C9, H4F2, H4FN, FO108, H4-16, H4C11, H4C12, H4C13, H4C15, H4C16, HIST2H4, HIST2H4A, Lactic acid -Histone H4-K5
Clone:	-
Applications:	WB ELISA DB
Conjugation:	-
Reactivity:	Human, Mouse, Rat, Other (Wide Range Predicted)

Antibody Data

Gene ID:	8359
Uniprot:	AB_2862464
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	14kDa
Calculated MW:	11kDa

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.

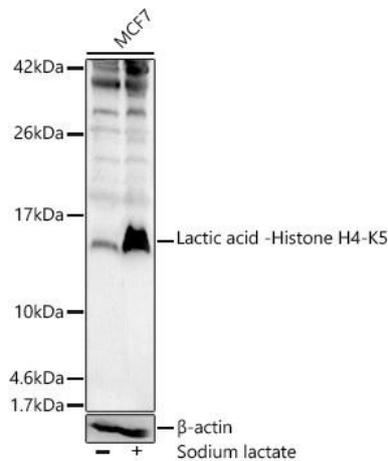
Positive Sample: MCF7 treated with Sodium lactate, NIH/3T3 treated with Sodium lactate, C6 treated with Sodium lactate

Recommended Dilutions:

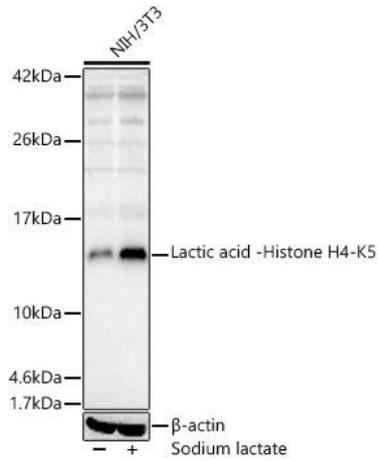
WB	1:500 - 1:2000
DB	1:500 - 1:4000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

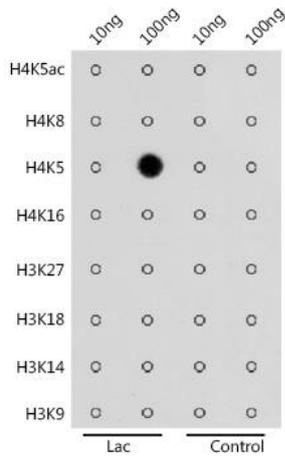
Validation Data



Western blot analysis of lysates from cells, using Lactic acid -Histone - Rabbit pAb (CAB18829) at 1:1000 dilution. cells were treated with Sodium lactate(100mM) for 24h. 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: 60s.



Western blot analysis of lysates from NIH/3T3 cells, using Lactic acid -Histone - Rabbit pAb (CAB18829) at 1:1000 dilution. NIH/3T3 cells were treated with Sodium lactate(100mM) for 24h. 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: 60s.



Dot-blot analysis of all sorts of peptides using Lactic acid -Histone - antibody (CAB18829) at 1:4000 dilution.