

pan-Tri-Methyl lysine Antibody

CAB20145

Description

This pan-Tri-Methyl 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

SKU: CAB20145

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: -

Clone: -

Applications: WB IP ChIP ELISA

Conjugation: -

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

Antibody Data

Gene ID: -

Uniprot: AB_2862934

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 15-74kDa

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.

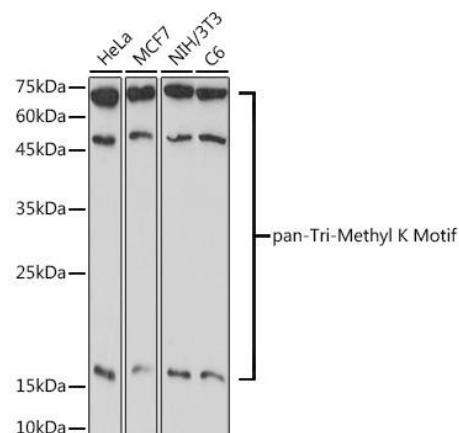
Positive Sample: HeLa, MCF7, NIH/3T3, C6

Recommended Dilutions:

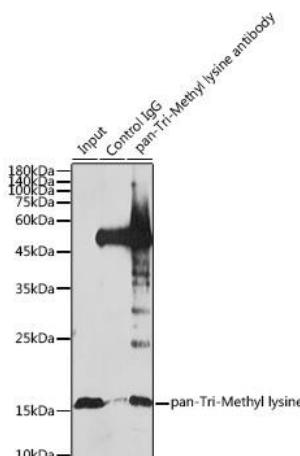
WB	1:500 - 1:1000
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. ChIP 3µg antibody for 5µg-10µg of Chromatin

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-Tri-Methyl lysine Rabbit pAb (CAB20145) 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: 60s.



Immunoprecipitation analysis of 1.5mg extracts of HeLa cells using 30ug pan-Tri-Methyl lysine antibody (CAB20145). Western blot was performed from the immunoprecipitate using TriMethyl-Histone - antibody (CAB2363) at a dilution of 1:1000.