

Anti-Tri-Methyl-Histone H3-K79 antibody (STJ23995)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/DB/IHC-P/ELISA/ChIP
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat/Other

PRODUCT PROPERTIES

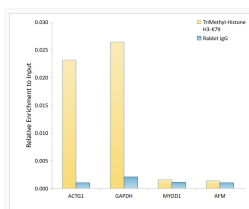
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 DB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. ChIP:5 µg antibody for 5 µg-10 µg of Chromatin
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 16kDa Observed Mw: 17kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

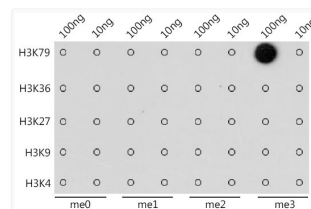
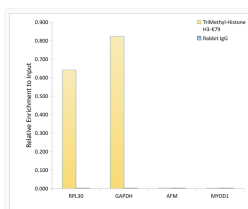
Gene ID	8290 8350/8351/8352/8353/8354/8355/8356/8357/8358/8968
Gene Symbol	H3-4 H3C1.H3C2.H3C3.H3C4.H3C6.
UniProt ID	H31T_HUMAN H31_HUMAN
Immunogen Sequence	DFKTD
Specificity	A synthetic trimethylated peptide around K79 of human histone H3 (NP_003520.1).

ADDITIONAL INFORMATION

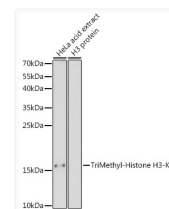
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Chromatin immunoprecipitation analysis of extracts of HeLa cells, using TriMethyl-Histone H3-K79 antibody (STJ23995) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Dot-blot analysis of all sorts of methylation peptides using TriMethyl-Histone H3-K79 antibody (STJ23995) at 1:1000 dilution.



Western blot analysis of lysates from HeLa cells, using TriMethyl-Histone H3-K79 Rabbit polyclonal antibody (STJ23995) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 300s.