

Anti-Symmetric Di-Methyl-Histone H3-R8 antibody (STJ11103473)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

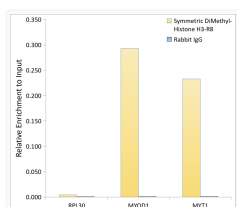
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. ChIP:5 Mu g antibody for 5 Mu g-10 Mu g of Chromatin
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 15kDa 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

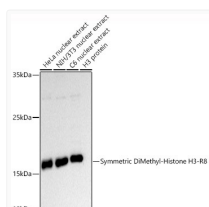
Gene ID	8290 8350/8351/8352/8353/8354/8355/8356/8357/8358/8968
Gene Symbol	H3-4 H3C1.H3C2.H3C3.H3C4.H3C6.
UniProt ID	H31T_HUMAN H31_HUMAN
Immunogen Sequence	QTARK
Specificity	A synthetic symmetric dimethylated peptide around R8 of human histone H3 (NP_003520.1).

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 Symmetric DiMethyl-Histone H3-R8 antibody (STJ11103473) 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.



Western blot analysis of various lysates using Symmetric DiMethyl-Histone H3-R8 Rabbit polyclonal antibody (STJ11103473) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.