

Anti-Di-Methyl-Histone H3-R17 antibody (Around Arg17) (STJ23967)

STJ23967

GENERAL INFORMATION

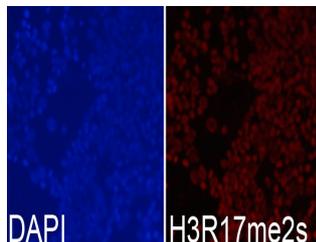
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat/Other

PRODUCT PROPERTIES

Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IF/ICC:1:50-1:200
	ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

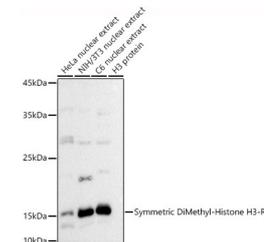
Gene ID	8290 8350/8351/8352/8353/8354/8355/8356/8357/8358/8968
Gene Symbol	H3-4 H3C1.H3C2.H3C3.H3C4.H3C6.
Uniprot ID	H31T_HUMAN H31_HUMAN
Immunogen	
Immunogen Region	Around Arg17
Specificity	A synthetic symmetric dimethylated peptide around R17 of human histone H3 (NP_003520.1).
Immunogen Sequence	APRKQ



Immunofluorescence analysis of 293T cells using Symmetric DiMethyl-Histone H3-R17 Rabbit polyclonal antibody (STJ23967). Blue: DAPI for nuclear staining.

	H3R2	H3K4	H3R8	H3K9	H3R17	H3R26
me0	○	○	○	○	○	○
me1	○	○	○	○	○	○
me2/me2a	○	○	○	○	○	○
me2/me2b	○	○	○	○	○	○
	H3K27	H3K36	H3K56	H3K79	H4R3	H4K20
me0	○	○	○	○	○	○
me1	○	○	○	○	○	○
me2/me2a	○	○	○	○	○	○
me2/me2b	○	○	○	○	○	○

Dot-blot analysis of all sorts of methylation peptides using Symmetric DiMethyl-Histone H3-R17 antibody (STJ23967).



Western blot analysis of various lysates using Symmetric DiMethyl-Histone H3-R17 Rabbit polyclonal antibody (STJ23967) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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