

Rabbit H3-K56 Antibody | anti-H3K56me3 antibody

TriMethyl-Histone H3-K56

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279945	Rabbit	Human, Mouse, Rat, Other (Wide Range)	Chromatin Immunoprecipitation, Immunoprecipitation, Chromatin Immunoprecipitation, Immunoprecipitation, Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

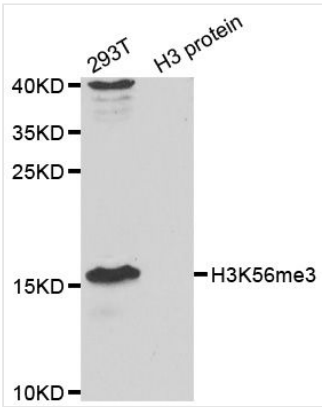
PRODUCT SYNONYMS

H3-K56; TriMethyl-Histone H3-K56; anti-H3K56me3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Other (Wide Range)
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	146
Applicable Applications for anti-H3K56me3 antibody	ChIP (Chromatin immunoprecipitation), ChIP (Chromatin immunoprecipitation), IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Route	Synthetic Peptide
Immunogen	A synthetic peptide of human HIST3H3
Gene ID	8290
Swiss Prot	Q16695
Synonyms	H3t; H3.4; H3/g; H3FT;
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 Degree C (regular) or -80 Degree C (long term). Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using TriMethyl-Histone H3-K56 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-H3K56me3 antibody	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.
Product Categories/Family for anti-H3K56me3 antibody	Methylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	743667947
NCBI GeneID	8356
Molecular Weight	16kDa
NCBI Official Full Name	histone H3-K56 acetyltransferase, RTT109, partial
NCBI Official Synonym Full Names	histone cluster 1, H3j
NCBI Official Symbol	HIST1H3J
NCBI Official Synonym Symbols	H3/j; H3FJ
NCBI Protein Information	histone H3.1; histone H3/j; histone 1, H3j; H3 histone family, member J
UniProt Protein Name	Histone H3.1
UniProt Gene Name	HIST1H3A
UniProt Synonym Gene Names	H3FA
UniProt Entry Name	H31_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.