Product Datasheet

Order: order@ebiocell.com
TEL: (540)808-3925
Supprt: tech@ebiocell.com
Web: *www.ebiocell.com*

Di-Methyl-Histone H3 (Lys4) Rabbit Polyclonal Antibody

Catalog #: EAB13600

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB, IP, IHC-P, IF/ICC, ChIP	15	Human, Mouse, Rat

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)   1:500-2000

IP(Immunoprecipitation)   1:20-200

IHC-P(Immunohistochemistry-Paraffin)   1:50-300

IF/ICC(Immunofluorescence/Immunocytochemistry)   1:50-300

ChIP(Chromatin Immunoprecipitation)   1:10-100

Product Information

Conjugate	Unconjugate
Specificity	Di-Methyl-Histone H3 (Lys4) Rabbit Polyclonal Antibody detects endogenous levels of histone H3 when di-methylated on Lys4.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	P68431
Entrez-Gene Id	8350

Product Descriotion

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.