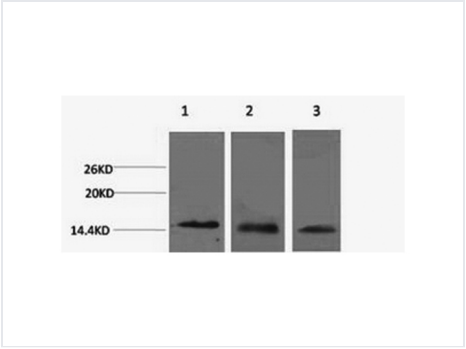
Histone H3 (H3) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Histone H3, Polyclonal Antibody
Full Product Name	Histone H3 (Tri Methyl Lys27) Polyclonal Antibody
Product Gene Name	anti-H3 antibody
Product Synonym Names	HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/h; Histone H3/i; Histone H3/j; Histone H3/k; Histone H3/l; HIST2H3A; HIST2H3C; H3F2; H3FM; HIST2H3D; Histone H3.2; Histone H3/m; Histone H3/o; H3F3A; H3.3A; H3F3; PP781; H3F3B; H3.3B; Histone H3.3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Antigen Affinity Purified
Concentration	1 mg/ml (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	Calculated MW: 15 Observed MW: 15-17
Immunogen	Synthetic Peptide
Buffer	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Product Categories/Family for anti-H3 antibody	Cancer; Epigenetics
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-H3 antibody	Western Blot (WB)
Application Notes for anti-H3 antibody	WB: 1:500-1:2000
Related Product Information for anti-H3 antibody	MBS2537049 is an antibody targeting H3. Also known as Histone H3 (Tri Methyl Lys27) Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-H3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-H3 antibody
Western Blot analysis of 1) Hela, 2) 3T3, 3) Rat liver using Histone H3 (Tri Methyl Lys27) Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for H3. It may not necessarily be applicable to this product.

NCBI GI #	3273350
NCBI Accession #	BAA31218.1
NCBI Official Full Name	histone H3
UniProt Protein Name	Histone H3.3
Protein Family	Tyrosine phosphatase
UniProt Gene Name	H3
UniProt Entry Name	H33_TOBAC
UniProt Comments for H3	Variant histone H3 which replaces conventional H3 in a wide range of nucleosomes in active genes. Constitutes the predominant form of histone H3 in non-dividing cells and is incorporated into chromatin independently of DNA synthesis. Deposited at sites of nucleosomal displacement throughout transcribed genes, suggesting that it represents an epigenetic imprint of transcriptionally active chromatin. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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