



Anti-Histone H3 polyclonal antibody (DPAB4243)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit polyclonal antibody to centromere specific histone H3 variant (LnCENH3 (luzula nivea)).
Specificity	Antiserum reacts specifically with 18.5 kDa protein of LnCENH3.
Immunogen	Synthetic peptide derived from Nter domain of Luzula nivea LnCENH3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Conjugate	Unconjugated
Applications	IHC, WB
Format	Antiserum
Size	100 µl
Preservative	None
Storage	Short term storage: +4°C. Long term storage: -20°C

BACKGROUND

Introduction	Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells.[citation needed] Featuring a main globular domain and a long N-terminal tail, H3 is involved with the structure of the nucleosomes of the "beads on a string" structure. Histone proteins are highly post-translationally modified however Histone H3 is the most
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extensively modified of the five histones. The term "Histone H3" alone is purposely ambiguous in that it does not distinguish between sequence variants or modification state. Histone H3 is an important protein in the emerging field of epigenetics, where its sequence variants and variable modification states are thought to play a role in the dynamic and long term regulation of genes.

Keywords

ANTI-HISTONE H3, PHOSPHO-SPECIFIC (SER10), HUMAN; ANTI-HISTONE H3, PHOSPHO-SPECIFIC (SER10), HUMAN (RABBIT); ANTI-HISTONE H3 (PSER10) (7-20) RABBIT PAB; ANTI-PHOSPHO-HISTONE H3 (MITOSIS MARKER); ANTI-PHOSPHO-HISTONE H3 (PHOSPHOSERINE 10); ANTI-PHOSPHO-HISTONE H3 (PSER10); Anti-phospho-Histone H3 (pSer10) antibody produced in rabbit; H3 histone; H3 histone family member E pseudogene; H3 histone family member E pseudogene; H33_HUMAN; H3F3; H3f3b; HIST3H3; HIST3H3; Histone H3 3 pseudogene; Histone H3 3 pseudogene; Histone H3.3
