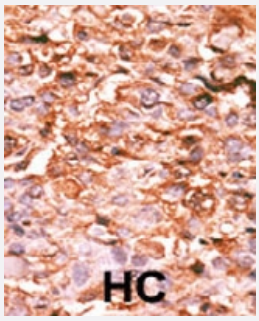
HIST1H3B3 (phospho S10) polyclonal antibody

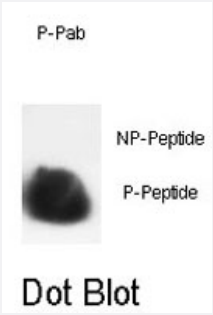
Catalog # PAB30834 Size 200 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human hepatocarcinoma with HIST1H3B3 (phospho S10) polyclonal antibody (Cat # PAB30834), followed by peroxidase-conjugated secondary antibody and AEC staining.



Dot Blot (Peptide)

Dot blot analysis of HIST1H3B3 (phospho S10) polyclonal antibody (Cat # PAB30834) on nitrocellulose membrane. 50 ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of HIST1H3B3.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S10 of human HIST1H3B3.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification

Recommend Usage	Western Blot (1:10000) Dot Blot (1:500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Dot Blot (Peptide)

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Gene Info — HIST1H3B

Entrez GeneID	8358
Protein Accession#	P68431
Gene Name	HIST1H3B
Gene Alias	H3/l, H3FL
Gene Description	histone cluster 1, H3b
Omim ID	602819
Gene Ontology	Hyperlink

Gene Summary	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chro mosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped ar ound 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, H 1, 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 t ails; instead, they contain a palindromic termination element. This gene is found in the large histon e gene cluster on chromosome 6p22-p21.3. [provided by RefSeq
Other Designations	H3 histone family, member L|OTTHUMP00000016132|histone 1, H3b

Pathway

- Systemic lupus erythematosus

Disease

- Abortion
- Genetic Predisposition to Disease
- Tobacco Use Disorder