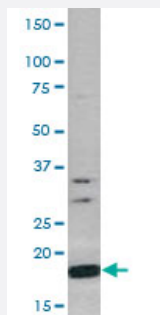


Histone H3 (phospho S10) polyclonal antibody

Catalog # PAB30831

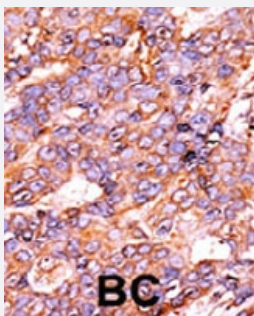
Size 400 uL

Applications



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of CEM cell lysate with Histone H3 (phospho S10) polyclonal antibody (Cat # PAB30831).



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human breast carcinoma with Histone H3 (phospho S10) polyclonal antibody (Cat # PAB30831), followed by peroxidase-conjugated secondary antibody and AEC staining.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of Histone H3.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S10 of human Histone H3.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification

Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) 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 should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of CEM cell lysate with Histone H3 (phospho S10) polyclonal antibody (Cat # PAB30831).

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human breast carcinoma with Histone H3 (phospho S10) polyclonal antibody (Cat # PAB30831), followed by peroxidase-conjugated secondary antibody and AEC staining.

Gene Info — H3F3A

Entrez GeneID	3020
Protein Accession#	P68431
Gene Name	H3F3A
Gene Alias	H3.3A, H3F3, MGC87782, MGC87783
Gene Description	H3 histone, family 3A
Omim ID	601128
Gene Ontology	Hyperlink
Gene Summary	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded is a replication-independent member of the histone H3 family. [provided by RefSeq]
Other Designations	OTTHUMP00000035618 OTTHUMP00000035619 OTTHUMP00000035621

Gene Info — H3F3B

Entrez GeneID [3021](#)

Protein Accession# [P68431](#)

Gene Name H3F3B

Gene Alias H3.3B, H3F3A

Gene Description H3 histone, family 3B (H3.3B)

Omim ID [601058](#)

Gene Ontology [Hyperlink](#)

Gene Summary Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded is a member of the histone H3 family. [provided by RefSeq]

Other Designations H3 histone, family 3A|H3 histone, family 3B

Pathway

- [Systemic lupus erythematosus](#)
- [Systemic lupus erythematosus](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)