

HIST2H2BF Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16318a**Specification**

HIST2H2BF Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q5QNW6
Other Accession	P57053 , Q64525 , P62808 , Q8CGP2 , Q99877 , Q32L48 , P10854 , Q99879 , Q99880 , Q8CGP1 , Q2PFX4 , Q60814 , Q2M2T1 , Q64478 , Q93079 , P10853 , P58876 , Q6ZWY9 , P62807 , Q64475 , NP_001019770.1
Reactivity	Human
Predicted	Mouse, Bovine, Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	13920
Antigen Region	14-42

HIST2H2BF Antibody (N-term) - Additional Information**Gene ID** 440689**Other Names**

Histone H2B type 2-F, HIST2H2BF

Target/Specificity

This HIST2H2BF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 14-42 amino acids from the N-terminal region of human HIST2H2BF.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HIST2H2BF Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HIST2H2BF Antibody (N-term) - Protein Information

Name H2BC18 ([HGNC:24700](#))

Function Core component of nucleosome. 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.

Cellular Location

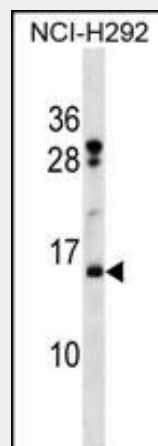
Nucleus. Chromosome.

HIST2H2BF Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HIST2H2BF Antibody (N-term) - Images



HIST2H2BF Antibody (N-term) (Cat. #AP16318a) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the HIST2H2BF antibody detected the HIST2H2BF protein (arrow).

HIST2H2BF Antibody (N-term) - Background

Core component of nucleosome. 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.

HIST2H2BF Antibody (N-term) - References

Kim, S.C., et al. Mol. Cell 23(4):607-618(2006)
Pavri, R., et al. Cell 125(4):703-717(2006)
Bonenfant, D., et al. Mol. Cell Proteomics 5(3):541-552(2006)
Zhu, B., et al. Mol. Cell 20(4):601-611(2005)
Golebiowski, F., et al. Mol. Cell. Biochem. 279 (1-2), 133-139 (2005) :