

Anti-H3f3b Antibody (C-Term)

Catalog Number: M06819-30

About H3-3a

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.

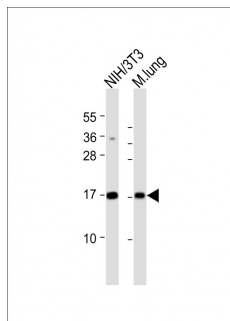
Overview

Product Name	Anti-H3f3b Antibody (C-Term)
Reactive Species	Mouse
Description	Boster Bio Anti-H3f3b Antibody (C-Term) (Catalog # M06819-30). Tested in WB application(s). This antibody reacts with Mouse.
Application	WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	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.
Host	Rabbit
Uniprot ID	P84244

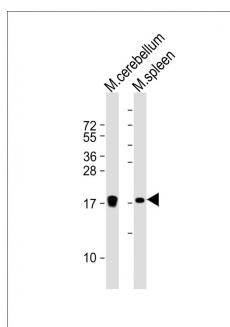
Technical Details

Immunogen	This H3f3b antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 103-136 amino acids from mouse H3f3b.
Predicted Reactive Species	Bovine, Mouse, Rat
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000

Anti-H3f3b Antibody (C-Term) (M06819-30) Images



All lanes : Anti-H3f3b Antibody (C-Term) at 1:8000 dilution
Lane 1: NIH/3T3 whole cell lysate
Lane 2: mouse lung lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 15 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.



All lanes : Anti-H3f3b Antibody (C-Term) at 1:2000 dilution
Lane 1: mouse cerebellum lysate
Lane 2: mouse spleen lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 15 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.

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Anti-H3f3b Antibody (C-Term)

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