

Datasheet for ABIN6244249
anti-H3F3B antibody (AA 103-136)[Go to Product page](#)

2 Images

Overview

Quantity:	200 µL
Target:	H3F3B
Binding Specificity:	AA 103-136
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This H3F3B antibody is un-conjugated
Application:	Western Blotting (WB)

Product 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.
Clone:	RB53621
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	H3F3B
Alternative Name:	H3f3b (H3F3B Products)
Background:	Variant histone H3 which replaces conventional H3 in a wide range of nucleosomes in active

Target Details

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.

Molecular Weight: 15328

UniProt: [P84244](#)

Application Details

Application Notes: WB: 1:8000. WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

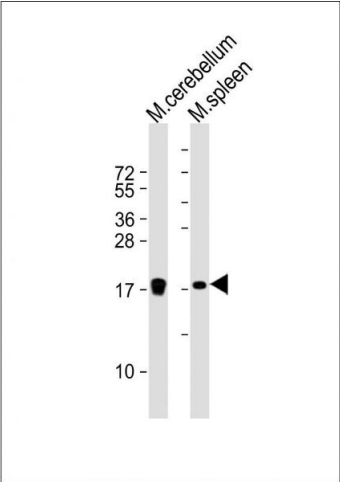
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

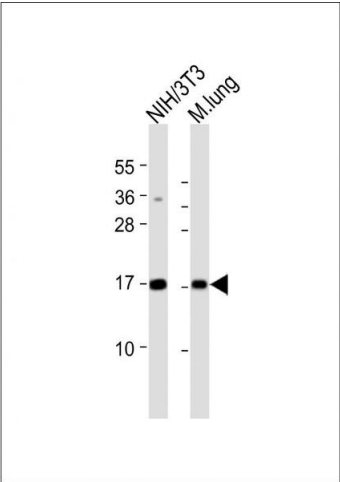
Storage: 4 °C,-20 °C

Expiry Date: 6 months



Western Blotting

Image 1. 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 % NFDM/TBST.



Western Blotting

Image 2. 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 % NFDM/TBST.