

Datasheet for ABIN6244250  
**anti-H3F3B antibody (AA 31-65)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	200 µL
Target:	H3F3B
Binding Specificity:	AA 31-65
Reactivity:	Human
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 31-65 amino acids from human H3f3b.
Clone:	RB53620
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 ( <a href="#">H3F3B Products</a> )
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:	<a href="#">P84244</a>
----------	------------------------

## Application Details

Application Notes:	WB: 1:2000
--------------------	------------

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Liquid
---------	--------

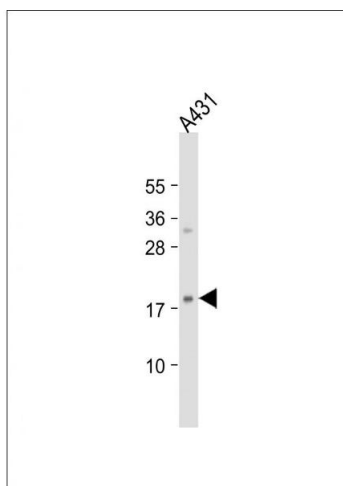
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
---------	--

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.** Anti-H3f3b Antibody (Center) at 1:2000 dilution + A431 whole cell 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.