

Datasheet for ABIN2786582  
**anti-HIST2H2BF antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	HIST2H2BF
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST2H2BF antibody is un-conjugated
Application:	Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HIST2H2BF
Sequence:	MPDPAKSAPA PKKGSKKAVT KVQKKDGKKR KRSRKESYSV YVYKVLKQVH
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against HIST2H2BF. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	HIST2H2BF
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## Target Details

Alternative Name:	HIST2H2BF ( <a href="#">HIST2H2BF Products</a> )
Background:	<p>HIST2H2BF is the 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.</p> <p>Alias Symbols: MGC131639</p> <p>Protein Interaction Partner: SPRTN, UBC, rev, IGSF8, ICAM1, CD81, ITGA4,</p> <p>Protein Size: 126</p>
Molecular Weight:	14 kDa
Gene ID:	440689
NCBI Accession:	<a href="#">NM_001024599</a> , <a href="#">NP_001019770</a>
UniProt:	<a href="#">Q5QNW6</a>

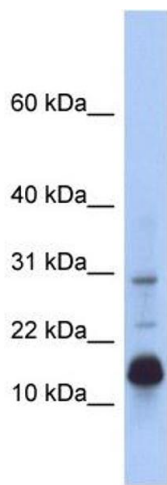
## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 126 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



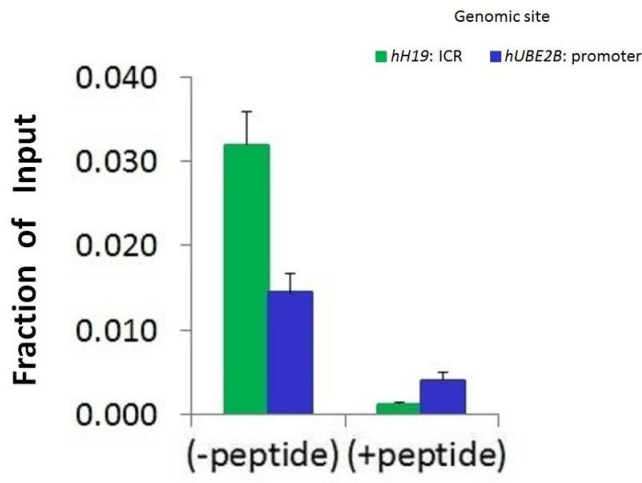
Western Blotting

**Image 1. WB Suggested Anti-HIST2H2BF Antibody**

**Titration:** 0.2-1 ug/ml

**ELISA Titer:** 1:62500

**Positive Control:** Human Small Intestine



Chromatin Immunoprecipitation

**Image 2. Chromatin Immunoprecipitation (ChIP) Using HIST2H2BF Antibody - N-terminal region (ARP56220\_P050) and HCT116 Cells**