

Datasheet for ABIN2791037
anti-H2AFB1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	H2AFB1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This H2AFB1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human H2AFB1
Sequence:	SSGAGGRGRT CSRTVRAELS FSVSQVERSL REGHYAQRSL RTAPVYLA AV
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against H2AFB1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	H2AFB1
Alternative Name:	H2AFB1 (H2AFB1 Products)

Target Details

Background:	<p>Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene encodes a member of the histone H2A family. This gene is part of a region that is repeated three times on chromosome X, once in intron 22 of the F8 gene and twice closer to the Xq telomere. This record represents the most centromeric copy which is in intron 22 of the F8 gene.</p> <p>Alias Symbols: H2A.Bbd</p> <p>Protein Interaction Partner: CBX3, CBX1,</p> <p>Protein Size: 115</p>
Molecular Weight:	13 kDa
Gene ID:	474382
NCBI Accession:	NM_001017990 , NP_001017990
UniProt:	P0C5Y9
Pathways:	Telomere Maintenance

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 115 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

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.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: H2AFB1 Sample Type: A549 Whole Cell lysates Antibody Dilution: 1.0ug/ml
H2AFB1 is supported by BioGPS gene expression data to be expressed in A549