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Datasheet for ABIN7155376

**anti-H2AFB1 antibody (AA 1-115) (HRP)**

## Overview

Quantity:	100 µg
Target:	H2AFB1
Binding Specificity:	AA 1-115
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This H2AFB1 antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Histone H2A-Bbd type 1 protein (1-115AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	H2AFB1
Alternative Name:	H2AFB1 ( <a href="#">H2AFB1 Products</a> )
Background:	Background: Atypical histone H2A which can replace conventional H2A in some nucleosomes and is associated with active transcription and mRNA processing. Nucleosomes wrap and

## Target Details

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. Nucleosomes containing this histone are less rigid and organize less DNA than canonical nucleosomes in vivo. They are enriched in actively transcribed genes and associate with the elongating form of RNA polymerase. They associate with spliceosome components and are required for mRNA splicing. May participate in spermatogenesis.

Aliases: H2AB1 antibody, H2AFB1 antibody, Histone H2A-Bbd type 1 antibody, H2A Barr body-deficient antibody, H2A.B antibody, H2A.Bbd antibody

UniProt: [P0C5Y9](#)

Pathways: [Telomere Maintenance](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.