

Datasheet for ABIN630687  
**anti-H2AFY antibody (Middle Region)**



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1 Image

## Overview

Quantity:	100 µL
Target:	H2AFY
Binding Specificity:	Middle Region
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This H2AFY antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	H2 AFY antibody was raised using the middle region of H2 FY corresponding to a region with amino acids PVSKKAGGKKGARKSKKQGEVSKAASADSTTEGTPADGFTVLSTKSLFLG
Specificity:	H2 AFY antibody was raised against the middle region of H2 FY
Purification:	Affinity purified

## Target Details

Target:	H2AFY
Alternative Name:	H2AFY ( <a href="#">H2AFY Products</a> )
Background:	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,

## Target Details

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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. H2AFY is a member of the histone H2A family. It replaces conventional H2A histones in a subset of nucleosomes where it represses transcription and participates in stable X chromosome inactivation. Alternative splicing results in multiple transcript variants encoding different isoforms.

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Molecular Weight: 39 kDa (MW of target protein)

## Application Details

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Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

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Comment: H2AFY Blocking Peptide, catalog no. 33R-7423, is also available for use as a blocking control in assays to test for specificity of this H2AFY antibody

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of H0 FY antibody in PBS

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Concentration: Lot specific

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Buffer: PBS

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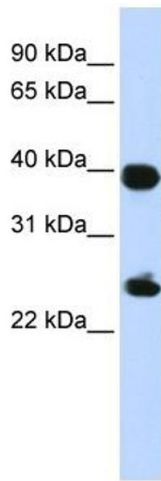
Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

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Storage: 4 °C/-20 °C

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Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** H2AFY antibody used at 1 ug/ml to detect target protein.