

Datasheet for ABIN630688 **anti-H2AFY antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	H2AFY
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
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 N terminal of H2 FY corresponding to a region with amino acids HPKYRIGVGAPVYMAAVLEYLTAEILELAGNAARDNKKGRVTPRHILLAV
Specificity:	H2 AFY antibody was raised against the N terminal of H2 FY
Purification:	Affinity purified

Target Details

Target:	H2AFY
Alternative Name:	H2AFY (H2AFY Products)
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

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.

Molecular Weight: 39 kDa (MW of target protein)

Application Details

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

Comment: H2AFY Blocking Peptide, catalog no. 33R-3812, is also available for use as a blocking control in assays to test for specificity of this H2AFY antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

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

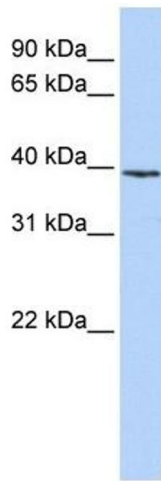
Concentration: Lot specific

Buffer: PBS

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

Storage: 4 °C/-20 °C

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.