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Datasheet for ABIN7114849 anti-H2AFY2 antibody

Overview

Quantity:	100 µg
Target:	H2AFY2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	H2A histone family, member Y2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	H2AFY2
Alternative Name:	H2AFY2 (H2AFY2 Products)
Background:	Synonyms:MACROH2A2 Background:Variant histone H2A which replaces conventional H2A in a subset of nucleosomes where it represses transcription. 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-

Target Details

translational modifications of histones, also called histone code, and nucleosome remodeling.
May be involved in stable X chromosome inactivation.

Molecular Weight: 40 kDa

Gene ID: 55506

UniProt: [Q9P0M6](#)

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months