Datasheet for ABIN1574024

anti-Histone 2b (HIST1H2BL) (C-Term) antibody

1 Image

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Overview

Quantity:	40 µg
Target:	Histone 2b (HIST1H2BL)
Binding Specificity:	C-Term
Reactivity:	Human, Drosophila melanogaster, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide (KLH-coupled) derived from the carboxyl terminal of human histone 2B .
Isotype:	IgG
Specificity:	Rabbit Anti-Histone 2B Polyclonal Antibody detects endogenous levels of human histone 2B protein. Sequence homology predicts that it will also react with Histone 2B protein within mouse and fruit fly proteins.
Cross-Reactivity (Details):	Rabbit Anti-Histone 2B Polyclonal Antibody detects endogenous levels of human histone 2B protein. Sequence homology predicts that it will also react with Histone 2B protein within mouse and fruit fly proteins.
Purification:	Immunoaffinity chromatography

Target Details

Target:	Histone 2b (HIST1H2BL)
Alternative Name:	Histone 2B (HIST1H2BL Products)
Background:	Histone 2B is the core component of nucleosome. It is involved in nucleosome wrapping and the compaction of DNA into chromatin, limiting DNA accessibility. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication, and chromosomal stability. DNA accessibility is regulated via a complex system of nucleosome remodelling and post-translational modification of histones, also called histone code.Rabbit Anti-Histone 2B Polyclonal Antibody is developed in rabbit hosts using a KLH-coupled synthetic peptide corresponding to carboxyl terminal residues of human histone 2B protein (Swiss Prot: Q99879).

Application Details

Application Notes:	The investigator must determine the working concentrations for each specific application. The appropriate concentration may depend on such factors as secondary antibody affinity, antigen concentration, detection method, temperature, and length of incubation. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product. ELISA: 0.05-0.2 µg/mL Western blot: 0.5-1 µg/mL Other applications: user-optimized
Restrictions:	For Research Use only

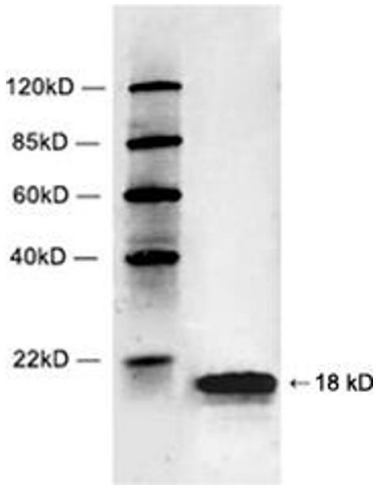
Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4, containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling

Handling Advice:	Avoid repeated freezing and thawing cycles.
Storage:	4 °C/-20 °C
Storage Comment:	The antibody is stable in lyophilized form if stored at -20 °C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-0 °C. For long term storage, aliquot and store at -20 °C or below.

Images



Western Blotting

Image 1. Western blot analysis of Hela cell lysate using 1 µg/mL Rabbit Anti-Histone 2B Polyclonal Antibody (ABIN398701) The signal was developed with IRDyeTM 800 Conjugated Goat Anti-Rabbit IgG.