

Datasheet for ABIN1881418
anti-HIST2H2BE antibody (N-Term)[Go to Product page](#)**1** Image**5** Publications

Overview

Quantity:	400 µL
Target:	HIST2H2BE
Binding Specificity:	AA 12-40, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST2H2BE antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HIST2H2BE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-40 amino acids from the N-terminal region of human HIST2H2BE.
Clone:	RB41930
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HIST2H2BE
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Target Details

Alternative Name:	HIST2H2BE (HIST2H2BE Products)
Background:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a member of the histone H2B family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif.
Molecular Weight:	13920
NCBI Accession:	NP_003519
UniProt:	Q16778

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Expiry Date:	6 months

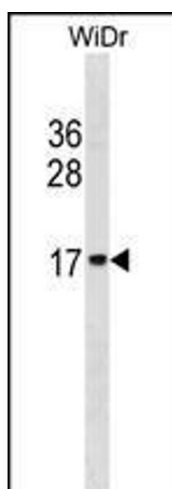
Publications

Product cited in:	Carrascal, Ovelleiro, Casas, Gay, Abian: "Phosphorylation analysis of primary human T lymphocytes using sequential IMAC and titanium oxide enrichment." in: Journal of proteome research , Vol. 7, Issue 12, pp. 5167-76, (2009) (PubMed).
	Kouligh, Li, DeMartino: "Relative structural and functional roles of multiple deubiquitylating

proteins associated with mammalian 26S proteasome." in: **Molecular biology of the cell**, Vol. 19, Issue 3, pp. 1072-82, (2008) ([PubMed](#)).

Reuter, Medhurst, Waisfisz, Zhi, Herterich, Hoehn, Gross, Joenje, Hoatlin, Mathew, Huber: "Yeast two-hybrid screens imply involvement of Fanconi anemia proteins in transcription regulation, cell signaling, oxidative metabolism, and cellular transport." in: **Experimental cell research**, Vol. 289, Issue 2, pp. 211-21, (2003) ([PubMed](#)).

Images



Western Blotting

Image 1. H1ST2H2BE Antibody (N-term) (ABIN1881418 and ABIN2838906) western blot analysis in WiDr cell line lysates (35 µg/lane). This demonstrates the H1ST2H2BE antibody detected the H1ST2H2BE protein (arrow).