

Datasheet for ABIN656237
anti-HIST1H2BG antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	HIST1H2BG
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HIST1H2BG antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HIST1H2BG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human HIST1H2BG.
Clone:	RB31082
Isotype:	Ig Fraction
Predicted Reactivity:	X, M, B, Pr, C
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HIST1H2BG
Alternative Name:	HIST1H2BG (HIST1H2BG Products)

Target Details

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 is intronless and encodes a member of the histone H2B family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6. [provided by RefSeq].

Molecular Weight: 13906

Gene ID: 8343, 8339, 8344

NCBI Accession: [NP_003509](#), [NP_003513](#), [NP_003514](#), [NP_003516](#), [NP_003517](#), [NP_066407](#)

UniProt: [P62807](#)

Application Details

Application Notes: WB: 1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

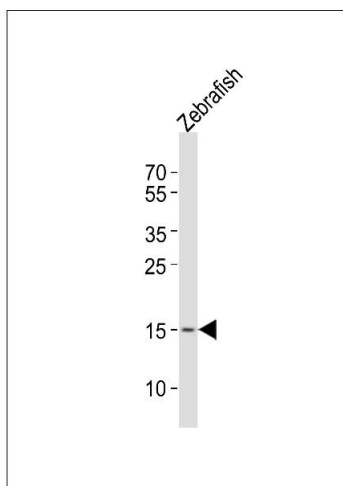
Preservative: Sodium azide

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

Storage Comment: HIST1H2BG Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. Anti-HIST1H2BG Antibody (N-term) at 1:500 dilution + Zebrafish lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 14 kDa. Blocking/Dilution buffer: 5 % NFDM/TBST.