



Datasheet for ABIN657667

anti-Histone H1.3 antibody (AA 135-164)



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2 Images

Overview

Quantity:	400 µL
Target:	Histone H1.3 (HIST1H1D)
Binding Specificity:	AA 135-164
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This HIST1H1D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 135-164 amino acids from the Central region of human HIST1H1D.
Clone:	RB33733
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Histone H1.3 (HIST1H1D)
Alternative Name:	HIST1H1D (HIST1H1D Products)
Background:	Histones are basic nuclear proteins responsible for 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,

Target Details

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 H1 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.

Molecular Weight: 22350

Gene ID: 3007

NCBI Accession: [NP_005311](#)

UniProt: [P16402](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

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

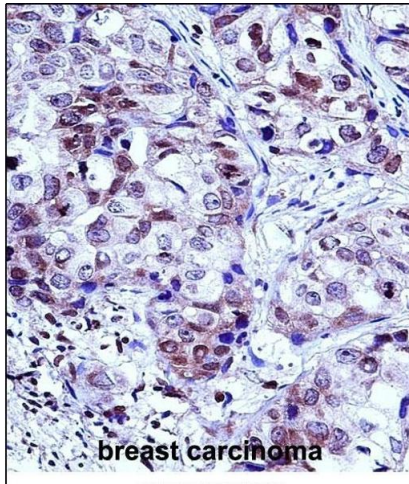
Preservative: Sodium azide

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

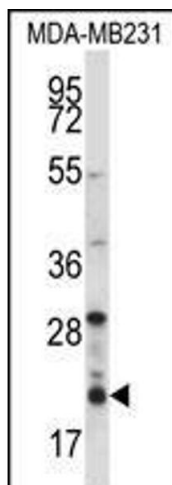
Storage Comment: HIST1H1D Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. H1ST1H1D Antibody (Center) (ABIN657667 and ABIN2846660) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of H1ST1H1D Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. H1ST1H1D Antibody (Center) (ABIN657667 and ABIN2846660) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the H1ST1H1D antibody detected the H1ST1H1D protein (arrow).