

Datasheet for ABIN5514837

anti-Histone H3.3 antibody (N-Term)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Histone H3.3 (H3F3A)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human H3F3A
Sequence:	RTKQTARKST G GKAPRKQLA TKAARKSAPS TGGVKKPHRY RPGTVALREI
Characteristics:	This is a rabbit polyclonal antibody against H3F3A. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Histone H3.3 (H3F3A)
Alternative Name:	H3F3A (H3F3A 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

Target Details

nucleosomes and functions in the compaction of chromatin into higher order structures. This gene contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded is a replication-independent member of the histone H3 family.

Alias Symbols: H3F3A, H3.3B,

Protein Interaction Partner: FUS, DAXX, CENPA, ATRX, ZMYND11, HIST1H4A, UBC, PML, H2AFY, UHRF1, ASB9, ASB16, ASB2, RNF2, CORO1C, PUF60, NUDC, VPS26A, SNX2, PAWR, VPS35, VPS29, FAM129B, SNX6, ASF1B, ASF1A, HIRA, CHAF1A, ITGA4, HIST4H4, NOS3, LRRK2, HIST1H4F, KDM4A, SSRP1, BRD1, EFS, S

Protein Size: 136

Gene ID: 3020

NCBI Accession: [NP_005315](#)

UniProt: [P84243](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.