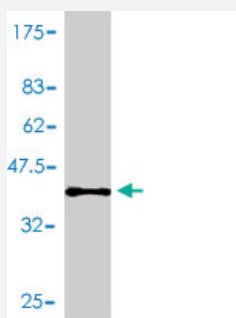# H3F3B polyclonal antibody (A01)

Catalog #    H00003021-A01        Size    50 uL

## Applications



Western Blot detection against Immunogen (41.07 KDa) .

## Specification

| | |
|---|---|
| **Product Description** | Mouse polyclonal antibody raised against a full-length recombinant H3F3B. |
| **Immunogen** | H3F3B (AAH17558, 1 a.a. ~ 136 a.a) full-length recombinant protein with GST tag. |
| **Sequence** | MARTKQTARKSTGGKAPRKQLATKAARKSAPSTGGVKKPHRYRPGTVALREIRRYQKSTELLIRKL PFQRLVREIAQDFKTDLRFQSAAIGALQEASEAYLVGLFEDTNLCAIHAKRVTIMPKDIQLARRIRGE RA |
| **Host** | Mouse |
| **Reactivity** | Human |
| **Quality Control Testing** | Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (41.07 KDa) . |
| **Storage Buffer** | 50 % glycerol |
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Recombinant protein)

  [Protocol Download](#)

- ELISA

## Gene Info — H3F3B

| | |
|---|---|
| **Entrez GeneID** | [3021](#) |
| **GeneBank Accession#** | [BC017558](#) |
| **Protein Accession#** | [AAH17558](#) |
| **Gene Name** | H3F3B |
| **Gene Alias** | H3.3B, H3F3A |
| **Gene Description** | H3 histone, family 3B (H3.3B) |
| **Omim ID** | [601058](#) |
| **Gene Ontology** | [Hyperlink](#) |
| **Gene Summary** | 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 contains introns and its mRNA is poyadenylated, unlike most histone genes. The protein encoded is a member of the histone H3 family. [provided by RefSeq |
| **Other Designations** | H3 histone, family 3A\|H3 histone, family 3B |

## Publication Reference

- [Pioneer Factor-Nucleosome Binding Events during Differentiation Are Motif Encoded.](#)

  Meers MP, Janssens DH, Henikoff S.

  Molecular Cell 2019 Aug; 75(3):562.

  Application：Func, Human, K-562 cells

## Pathway

- [Systemic lupus erythematosus](#)