

MaxPab®

# HIST1H1B purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003009-B01P      Size 500 ug

## Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HIST1H1B protein.
Immunogen	HIST1H1B (ABZ92488.1, 1 a.a. ~ 226 a.a) full-length human protein.
Sequence	MSETAPAETATPAPVEKSPAKKKATKKAAGAGAAKRKATGPPVSELITKAVAASKERNGLSLAA LKKALAAGGYDVEKNNSRIKLGLKSLVSKGTLVQTKGTGASGSFKLNKKAASGEAKPKAKKAGA AKAKKPAGATPKKAKKAAGAKKAVKKTTPKKAKKPAAAGVKKVAKSPKKAKAAAKPKKATKSPA KPKAVKPKAAKPKAAKPKAAKPKAAKAKKAAAKKK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

## Gene Info — HIST1H1B

Entrez GeneID	<a href="#">3009</a>
GeneBank Accession#	<a href="#">EU446959.1</a>
Protein Accession#	<a href="#">ABZ92488.1</a>

Gene Name	HIST1H1B
Gene Alias	H1, H1.5, H1F5, MGC126630, MGC126632
Gene Description	histone cluster 1, H1b
Omim ID	<a href="#">142711</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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 a nucleosome 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 H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq]</p>
Other Designations	H1 histone family, member 5 OTTHUMP00000017748 histone 1, H1b