



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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# HIST1H1A purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00003024-B01P

規格 : [ 50 ug ]

[List All](#)

## Specification

**Product Description:** Mouse polyclonal antibody raised against a full-length human HIST1H1A protein.

**Immunogen:** HIST1H1A (NP\_005316.1, 1 a.a. ~ 215 a.a) full-length human protein.

**Sequence:**  
MSETVPPAPAASAAPEKPLAGKKAKKPAKAAAASKKKPAGPSVSELIVQA  
ASSSKERGGVSLAALKKALAAAGYDVEKNNSRIKLGKSLVSKGTLVQTK  
GTGASGSFKLNKKASSVETKPGASKVATKTKATGASKLKKATGASKKS  
VKTPKKAKKPAATRKSSKNPKPKTVKPKKVAKSPAKAKAVKPKAAKARV  
TKPKTAKPKKAAPKKK

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

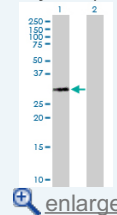
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

**Datasheet:**  [Download](#)

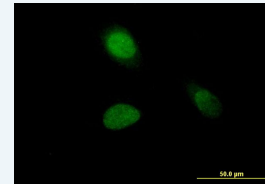
## Application Image

Western Blot (Transfected lysate)



 [enlarge](#)

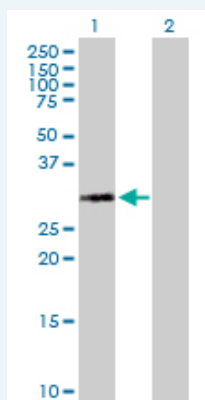
Immunofluorescence



 [enlarge](#)

## Applications

### Western Blot (Transfected lysate)



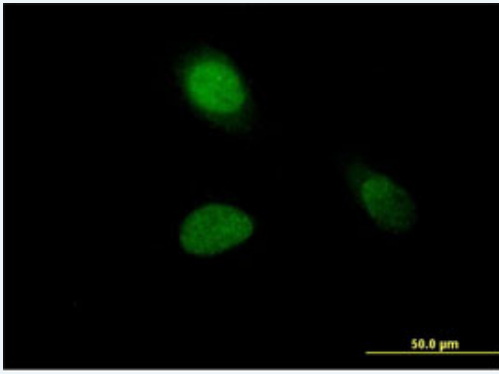
Western Blot analysis of HIST1H1A expression in transfected 293T cell line ([H00003024-T01](#)) by HIST1H1A MaxPab polyclonal antibody.

Lane 1: HIST1H1A transfected lysate(23.65 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

### Immunofluorescence



[enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to HIST1H1A on HeLa cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

## Gene Information

**Entrez GeneID:** [3024](#)

**GeneBank  
Accession#:** [NM\\_005325](#)

**Protein  
Accession#:** [NP\\_005316.1](#)

**Gene Name:** HIST1H1A

**Gene Alias:** H1.1,H1F1,HIST1,MGC126642,MGC138345

**Gene  
Description:** histone cluster 1, H1a

**Omim ID:** [142709](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** 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, 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. [provided by RefSeq]

**Other  
Designations:** H1 histone family, member 1,OTTHUMP00000018038,histone 1, H1a

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