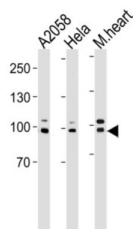


## Enhancer of Polycomb Homolog 1 (EPC1) Antibody

Catalogue No.: abx034869



Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when directly recruited to sites of DNA damage.

|                               |                                                                                                     |
|-------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Target:</b>                | Enhancer of Polycomb Homolog 1 (EPC1)                                                               |
| <b>Clonality:</b>             | Polyclonal                                                                                          |
| <b>Reactivity:</b>            | Human, Mouse                                                                                        |
| <b>Tested Applications:</b>   | ELISA, WB                                                                                           |
| <b>Host:</b>                  | Rabbit                                                                                              |
| <b>Recommended dilutions:</b> | WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.                  |
| <b>Conjugation:</b>           | Unconjugated                                                                                        |
| <b>Immunogen:</b>             | KLH-conjugated synthetic peptide between 305-334 amino acids from the Central region of human EPC1. |
| <b>Isotype:</b>               | IgG                                                                                                 |
| <b>Form:</b>                  | Liquid                                                                                              |
| <b>Purification:</b>          | Purified through a protein A column, followed by peptide affinity purification.                     |
| <b>Storage:</b>               | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                      |
| <b>UniProt Primary AC:</b>    | Q9H2F5 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                         |

# Datasheet

Version: 3.0.0

Revision date: 30 Oct 2025



**Gene Symbol:** EPC1

**NCBI Accession:** NP\_001258933.1, NP\_001258948.1, NP\_001269320.1, NP\_079485.1

**String:** [9606.ENSPP00000263062](#)

**Molecular Weight:** Calculated MW: 93.5 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only