

HDAC-9 Blocking Peptide
Catalog # PBV10263b**Specification**

HDAC-9 Blocking Peptide - Product Information

Primary Accession	Q9UKV0
Gene ID	9734
Calculated MW	111297

HDAC-9 Blocking Peptide - Additional Information**Gene ID** 9734**Application & Usage**

The peptide is used for blocking the antibody activity of HDAC-9. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C.

Other Names

Histone deacetylase 9, HD9, 3.5.1.98, Histone deacetylase 7B, HD7, HD7b, Histone deacetylase-related protein, MEF2-interacting transcription repressor MITR, HDAC9, HDAC7, HDAC7B, HDRP, KIAA0744, MITR

Target/Specificity

HDAC-9

Formulation

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% sodium azide.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

HDAC-9 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

HDAC-9 Blocking Peptide - Protein Information**Name** HDAC9**Synonyms** HDAC7, HDAC7B, HDRP, KIAA0744, MITR**Function**

Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Represses MEF2-dependent transcription.

Cellular Location

Nucleus.

Tissue Location

Broadly expressed, with highest levels in brain, heart, muscle and testis. Isoform 3 is present in human bladder carcinoma cells (at protein level).

HDAC-9 Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HDAC-9 Blocking Peptide - Images