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RbBP5 Blocking Peptide
Catalog # PBV10353b

Specification

RbBP5 Blocking Peptide - Product Information

Primary Accession	Q8BX09
Other Accession	NP_766105
Gene ID	213464
Calculated MW	59098

RbBP5 Blocking Peptide - Additional Information

Gene ID 213464

Application & Usage	**The peptide is used for blocking the antibody activity of RbBP5. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.**

Other Names
Retinoblastoma-binding protein 5, RBBP-5, Rbbp5

Target/Specificity
RbBP5

Formulation
50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50 glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
RbBP5 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

RbBP5 Blocking Peptide - Protein Information

Name Rbbp5

Function
In embryonic stem (ES) cells, plays a crucial role in the differentiation potential, particularly along the neural lineage, regulating gene induction and H3 'Lys-4' methylation at key developmental loci, including that mediated by retinoic acid (PubMed:<a

href="http://www.uniprot.org/citations/21335234" target="_blank">21335234). Does not affect ES cell self-renewal (PubMed:21335234). Component or associated component of some histone methyltransferase complexes which regulates transcription through recruitment of those complexes to gene promoters (By similarity). As part of the MLL1/MLL complex, involved in mono-, di- and trimethylation at 'Lys-4' of histone H3 (By similarity). Histone H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation (By similarity). In association with ASH2L and WDR5, stimulates the histone methyltransferase activities of KMT2A, KMT2B, KMT2C, KMT2D, SETD1A and SETD1B (By similarity).

Cellular Location
Nucleus.

RbBP5 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 Cytomety
- Cell Culture

RbBP5 Blocking Peptide - Images