

**Rbbp5 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI11428****Specification**

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**Rbbp5 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">Q8BX09</a>
Other Accession	<a href="#">NM_172517</a> , <a href="#">NP_766105</a>
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59kDa KDa

**Rbbp5 antibody - N-terminal region - Additional Information****Gene ID** 213464**Alias Symbol** 4933411J24Rik, C330016J05**Other Names**

Retinoblastoma-binding protein 5, RBBP-5, Rbbp5

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-Rbbp5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

Rbbp5 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**Rbbp5 antibody - N-terminal region - 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</a>). Does not affect ES cell self-renewal (PubMed:<a href="http://www.uniprot.org/citations/21335234" target="\_blank">21335234</a>). 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).

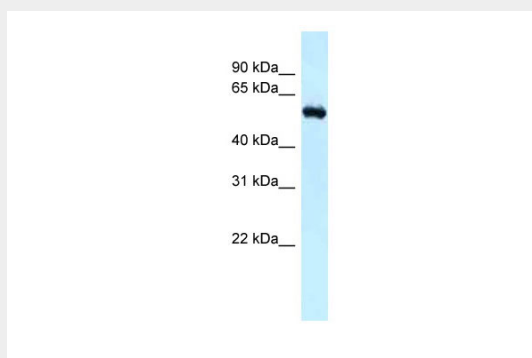
**Cellular Location**

Nucleus.

**Rbbp5 antibody - N-terminal region - 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](#)

**Rbbp5 antibody - N-terminal region - Images**

WB Suggested Anti-Rbbp5 Antibody Titration: 1.0 µg/ml  
Positive Control: Mouse Kidney