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Rbbp5 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11428

Product Information

Application	WB
Primary Accession	Q8BX09
Other Accession	NM_172517, NP_766105
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59098

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.

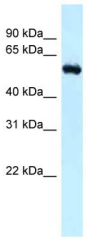
Protein Information

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: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.

Images



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