

WDR5 Rabbit mAb
Catalog # AP76258**Specification****WDR5 Rabbit mAb - Product Information**

Application	WB
Primary Accession	P61964
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	36588

WDR5 Rabbit mAb - Additional Information**Gene ID** 11091**Other Names**

WDR5

Dilution

WB~~1/500-1/1000

Format

Liquid

WDR5 Rabbit mAb - Protein Information**Name** WDR5**Synonyms** BIG3**Function**

Contributes to histone modification (PubMed: [16600877](http://www.uniprot.org/citations/16600877) , PubMed: [16829960](http://www.uniprot.org/citations/16829960) , PubMed: [19103755](http://www.uniprot.org/citations/19103755) , PubMed: [19131338](http://www.uniprot.org/citations/19131338) , PubMed: [19556245](http://www.uniprot.org/citations/19556245) , PubMed: [20018852](http://www.uniprot.org/citations/20018852)). May position the N-terminus of histone H3 for efficient trimethylation at 'Lys-4' (PubMed: [16829960](http://www.uniprot.org/citations/16829960)). As part of the MLL1/MLL complex it is involved in methylation and dimethylation at 'Lys-4' of histone H3 (PubMed: [19556245](http://www.uniprot.org/citations/19556245)). H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation (PubMed: [18840606](http://www.uniprot.org/citations/18840606)). As part of the NSL complex it may be involved in acetylation of nucleosomal histone H4 on several lysine residues (PubMed: [19103755](http://www.uniprot.org/citations/19103755) , PubMed: [20018852](http://www.uniprot.org/citations/20018852)).

target="_blank">20018852). May regulate osteoblasts differentiation (By similarity). In association with RBBP5 and ASH2L, stimulates the histone methyltransferase activities of KMT2A, KMT2B, KMT2C, KMT2D, SETD1A and SETD1B (PubMed:21220120, PubMed:22266653).

Cellular Location

Nucleus

WDR5 Rabbit mAb - 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](#)

WDR5 Rabbit mAb - Images

