

WDR5 Rabbit mAb

Catalog # AP76258

Product Information

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

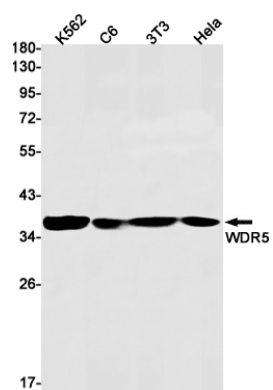
Additional Information

Gene ID	11091
Other Names	WDR5
Dilution	WB~~1/500-1/1000
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	WDR5
Synonyms	BIG3
Function	Contributes to histone modification (PubMed: 16600877 , PubMed: 16829960 , PubMed: 19103755 , PubMed: 19131338 , PubMed: 19556245 , PubMed: 20018852). May position the N-terminus of histone H3 for efficient trimethylation at 'Lys-4' (PubMed: 16829960). As part of the MLL1/MLL complex it is involved in methylation and dimethylation at 'Lys-4' of histone H3 (PubMed: 19556245). H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation (PubMed: 18840606). As part of the NSL complex it may be involved in acetylation of nucleosomal histone H4 on several lysine residues (PubMed: 19103755 , PubMed: 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

Images



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