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**Product Name: WDR5 Rabbit Polyclonal Antibody****Catalog #: APRab00274**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,FC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,FC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 37 kDa; Observed MW: 37 kDa

**Antigen Information**

<b>Gene Name</b>	WDR5
<b>Alternative Names</b>	WDR5; BIG3; WD repeat-containing protein 5; BMP2-induced 3-kb gene protein
<b>Gene ID</b>	11091
<b>SwissProt ID</b>	P61964
<b>Immunogen</b>	A synthetic peptide of human WDR5

**Background**

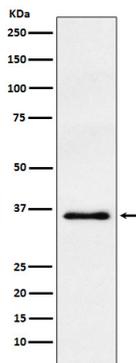
Contributes to histone modification. May position the N-terminus of histone H3 for efficient trimethylation at 'Lys-4'. As part of the MLL1/MLL complex it is involved in methylation and dimethylation at 'Lys-4' of histone H3. H3 'Lys-4' methylation

represents a specific tag for epigenetic transcriptional activation.

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of WDR5 in HeLa lysates using WDR5 antibody.