Datasheet for ABIN6972909

anti-WDR5 antibody (C-Term)

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Overview

Quantity:	100 µL
Target:	WDR5
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR5 antibody is un-conjugated
Application:	Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	This antibody was raised against a peptide within the C-terminal region of human WDR5.
Isotype:	IgG
Characteristics:	WDR5 (WD repeat-containing protein 5) is a component of the Set1 histone methyltransferase / MLL1/MLL complex that is involved in methylation and dimethylation of 'Lys-4' of Histone H3. H3K4 methylation represents a specific tag for epigenetic transcriptional activation. WDR5 is also a component of the NSL complex and it may be involved in acetylation of nucleosomal histone H4 on several lysine residues. WDR5 is also core component of other methyltransferase-containing complexes including MLL2/3 (also named ASCOM complex) and MLL4/WBP7. WDR5 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation and Western blot, it has been shown to react with Human samples.

Product Details

Purification:	Affinity Purified

Target Details

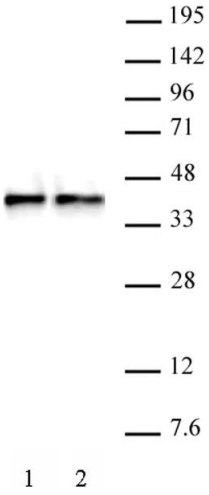
Target:	WDR5
Alternative Name:	WDR5 (WDR5 Products)
Molecular Weight:	40 kDa
NCBI Accession:	NP_060058

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.



Western Blotting

Image 1. WDR5 antibody (pAb) tested by Western blot. Nuclear extract (30 µg) of Raji (Lane 1) and HeLa cells (Lane 2) probed with WDR5 antibody (pAb) at a 1:500 dilution.