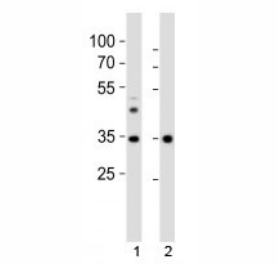
Wdr5 Antibody (F52918)

Catalog No.	Formulation	Size
F52918-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52918-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P61965
Applications	Western blot: 1:1000
Limitations	This Wdr5 antibody is available for research use only.



Western blot analysis of lysate from 1) human liver tissue and 2) mouse NIH3T3 cell line using Wdr5 antibody at 1:1000. Predicted molecular weight ~36 kDa.

Description

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. As part of the NSL complex it may be involved in acetylation of nucleosomal histone H4 on several lysine residues. May regulate osteoblasts differentiation (By similarity).

Application Notes

Titration of the Wdr5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This mouse Wdr5 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from the region of mouse Wdr5.

Storage

Aliquot the Wdr5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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