

WDR5 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11872**Specification**

WDR5 antibody - C-terminal region - Product Information

Application	IHC, IP, WB
Primary Accession	Q5M786
Other Accession	NM_017588 , NP_060058
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Horse, Yeast, Bovine, Dog
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Chicken, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36kDa KDa

WDR5 antibody - C-terminal region - Additional Information**Gene ID** 496891

Alias Symbol	BIG-3, SWD3
Other Names	
WD repeat-containing protein 5, wdr5	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-WDR5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

WDR5 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

WDR5 antibody - C-terminal region - Protein Information**Name** wdr5**Function**

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).

Cellular Location

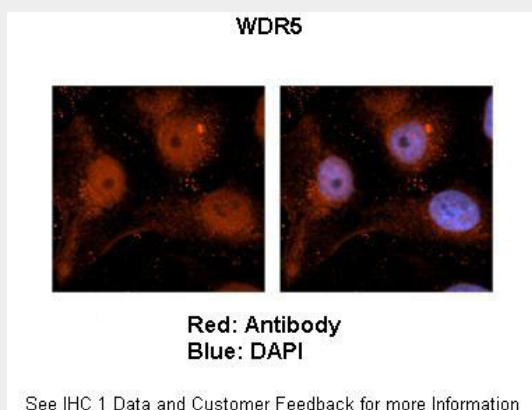
Nucleus.

WDR5 antibody - C-terminal region - 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 antibody - C-terminal region - Images



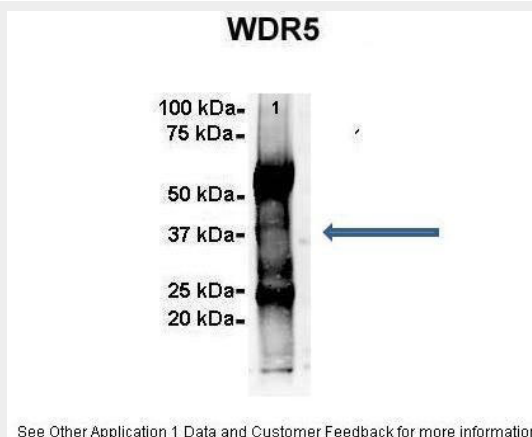
Sample Type : Human brain stem cells (NT2)

Primary Antibody Dilution : 1:500

Secondary Antibody : Goat anti-rabbit Alexa Fluor 594 Secondary Antibody Dilution : 1:1000

Color/Signal Descriptions : Red: WDR5 Blue: DAPI

Gene Name : WDR5 Submitted by : Dr. Yuzhi Chen, University of Arkansas for Medical Science

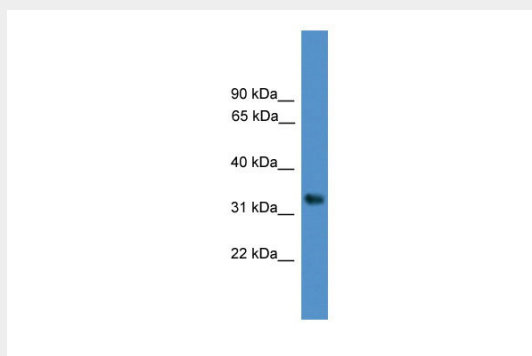


Amount and Sample Type : 500 ug Human NT2 cell lysate

Amount of IP Antibody : 6 ug Primary Antibody : WDR5

Primary Antibody Dilution : 1:500

Secondary Antibody : Goat anti-rabbit Alexa-Fluor 594 Secondary Antibody Dilution : 1:5000
Gene Name : WDR5 Submitted by : Dr. Yuzhi Chen, University of Arkansas for Medical Science



WB Suggested Anti-WDR5 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: 721_B cell lysate