

Rabbit WDR5 Polyclonal Antibody | anti-WDR5 antibody

Anti-WDR5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA261942	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

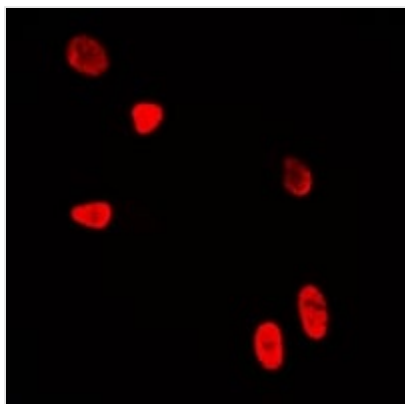
PRODUCT SYNONYMS

WDR5; Polyclonal Antibody; Anti-WDR5 Antibody; BIG3; WD repeat-containing protein 5; BMP2-induced 3-kb gene protein; anti-WDR5 antibody

PRODUCT SPECIFICATIONS

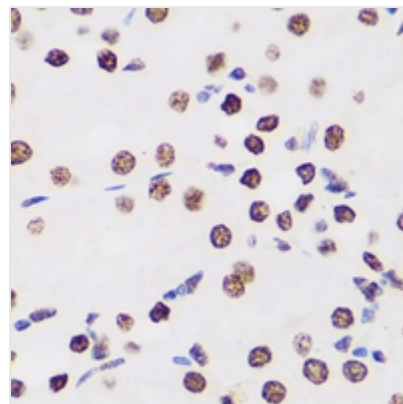
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of WDR5 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	334
Applicable Applications for anti-WDR5 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human WDR5
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



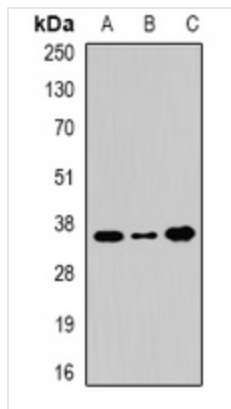
IF (Immunofluorescence)

Immunofluorescent analysis of WDR5 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of WDR5 staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of WDR5 expression in 22RV1 (A), BT474 (B), HeLa (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-WDR5 antibody	Rabbit polyclonal antibody to WDR5
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16554627
NCBI GeneID	11091
NCBI Accession #	NP_060058.1
NCBI GenBank Nucleotide #	NM_017588.2
UniProt Accession #	P61964; Q91VA5; Q9NWX7; Q9UGP9
Molecular Weight	36,588 Da
NCBI Official Full Name	WD repeat-containing protein 5
NCBI Official Synonym Full Names	WD repeat domain 5
NCBI Official Symbol	WDR5
NCBI Official Synonym Symbols	SWD3; BIG-3; CFAP89
NCBI Protein Information	WD repeat-containing protein 5
UniProt Protein Name	WD repeat-containing protein 5
UniProt Gene Name	WDR5
UniProt Synonym Gene Names	BIG3
UniProt Entry Name	WDR5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.