WDR1 Monoclonal Antibody | anti-WDR1 antibody

WDR1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314483	**Recombinant Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

WDR1; Monoclonal Antibody; WDR1 Rabbit mAb; AIP1; NORI-1; HEL-S-52; anti-WDR1 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S01-6D6
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-WDR1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human WDR1
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohistochemisry)
Immunohistochemistry of WDR1 in paraffin-embedded Human Cholangiocarcinoma using WDR1 Rabbit mAb at dilution 1/50

ICC (Immunocytochemistry)
Immunocytochemistry of WDR1 (green) in hela using WDR1 Rabbit mAb at dilution 1/5, and DAPI(blue

WB (Western Blot)
Western blot detection of WDR1 in Jurkat cell lysates using WDR1 Rabbit mAb(1:500 diluted).Predicted band size:66kDa.Observed band size:66kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-WDR1 antibody	Induces disassembly of actin filaments in conjunction with ADF/cofilin family proteins (PubMed:15629458). Enhances cofilin-mediated actin severing. Involved in cytokinesis. Involved in chemotactic cell migration by restricting lamellipodial membrane protrusions (PubMed:18494608). Involved in myocardium sarcomere organization. Required for cardiomyocyte growth and maintenance. Involved in megakaryocyte maturation and platelet shedding. Required for the establishment of planar cell polarity (PCP) during follicular epithelium development and for cell shape changes during PCP; the function seems to implicate cooperation with CFL1 and/or DSTN/ADF. Involved in the generation/maintenance of cortical tension. Involved in assembly and maintenance of epithelial apical cell junctions and plays a role in the organization of the perijunctional actomyosin belt (PubMed:25792565).
Product Categories/Family for anti-WDR1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	53729352
NCBI GeneID	9948
NCBI Accession #	NP_005103.2
NCBI GenBank Nucleotide #	NM_005112.4
UniProt Accession #	O75083; O75313; Q8N6E5; Q9UG05; Q9UG78; Q9UQE0; A8K6E9; A8MPU4
Molecular Weight	50,694 Da
NCBI Official Full Name	WD repeat-containing protein 1 isoform 2
NCBI Official Synonym Full Names	WD repeat domain 1
NCBI Official Symbol	WDR1
NCBI Official Synonym Symbols	AIP1; NORI-1; HEL-S-52
NCBI Protein Information	WD repeat-containing protein 1
UniProt Protein Name	WD repeat-containing protein 1
UniProt Gene Name	**WDR1**
UniProt Synonym Gene Names	AIP1
UniProt Entry Name	WDR1_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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/wdr1-antibody-clone-s01-6d6-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/314483