

Rabbit anti-Human WDR54 Polyclonal Antibody | anti-WDR54 antibody

Anti-WDR54 Antibody, Rabbit Polyclonal

CATALOG # AAA256418	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

WDR54; Polyclonal Antibody; Anti-WDR54 Antibody; Rabbit Polyclonal; WDR54 Antibody; Rabbit PAb; Antigen Affinity Purified; WD repeat domain 54; anti-WDR54 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human WDR54
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-WDR54 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human WDR54 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human WDR54 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

WDR54-2 was immunoprecipitated using: Lane A: 0.5 mg U251MG Whole Cell Lysate 4 uL anti-WDR54-2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-WDR54-2 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 36 kDa. Observed band size: 36 kDa.



WB (Western Blot)

Anti-WDR54 rabbit polyclonal antibody at 1:500 dilution. Lane A: U-251 MG Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 36 kDa. Observed band size: 36 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-WDR54 antibody	WDR54 (WD Repeat Domain 54) is a Protein Coding gene. The WDR54 gene, located on 2p13.1, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, and zebrafish. WDR54 is a member of the WD40 repeat (WDR) domain-containing protein family that was identified as a novel oncogene in colorectal cancer. WDR54 serves as an oncogene in colorectal cancer (CRC) and maybe a potential prognostic marker and therapeutic target. WD40 proteins are implicated in many functions including adaptor/regulatory modules in signal transduction, pre-mRNA processing, and cytoskeleton assembly. WDR54 is widely expressed in the testis, lung, and other tissues. An important paralog of this gene is WDR64.
References	Yuan Y, et al. (2019) Clinical significance and biological function of wd repeat domain 54 as an oncogene in colorectal cancer. Int J Cancer 144 (7): 1584-1595. Maeda A, et al. (2019) Transglutaminase-mediated cross-linking of wdr54 regulates egf receptor-signaling. Biochim Biophys Acta Mol Cell Res 1866 (2): 285-295.

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/polyclonal/wdr54-antibody-immunoprecipitation-western-blot-elisa/256418>