

Rabbit anti-Human ARID3A Polyclonal Antibody | anti-ARID3A antibody

Anti-ARID3A Antibody, Rabbit Polyclonal

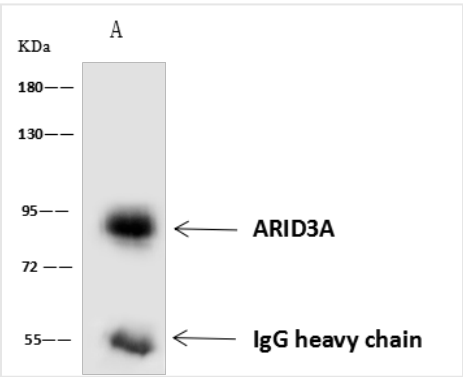
CATALOG # AAA256479	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

ARID3A; Polyclonal Antibody; Anti-ARID3A Antibody; Rabbit Polyclonal; ARID3A Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-BRIGHT Antibody; Anti-DRIL1 Antibody; Anti-DRIL3 Antibody; Anti-E2FBP1 Antibody; anti-ARID3A antibody

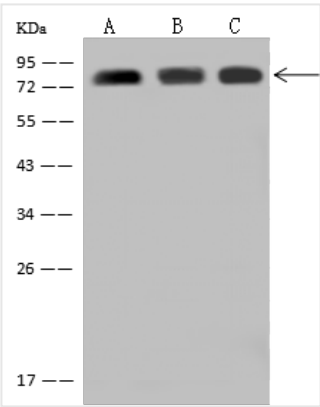
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ARID3A
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ARID3A antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human ARID3A fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ARID3A 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.



IP (Immunoprecipitation)

ARID3A was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate 4 uL anti-ARID3A rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-ARID3A 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: 63 kDa Observed band size :80 kDa



WB (Western Blot)

Anti-ARID3A rabbit polyclonal antibody at 1:2000 dilution Lane A: 293T Whole Cell Lysate Lane B: HepG2 Whole Cell Lysate Lane C: K-562 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: 63 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ARID3A antibody

ARID3A/DRIL1/Bright is a family member of the AT rich interaction domain (ARID) DNA-binding proteins that are involved in diverse biological processes, and p53 activates ARID3A transcription, and ARID3A overexpression induces G1 arrest. Both cooperative and interdependent roles for ARID3A and p53 in the transcriptional activation of p21(WAF1) in response to DNA damage. Conventional Arid3a knockout embryos suffer restricted intrauterine growth with severe defects in placental structural organization. ARID3A in mammalian placental development through regulation of both intrinsic and extrinsic developmental programs. AT-rich interactive domain 3A (ARID3A) is a member of the ARID family of DNA-binding proteins. Previous reports have shown that ARID3A controls cell growth in a p53-dependent manner. Recently, it has been reported that expression of the ARID3A protein was markedly increased in colon cancer tissue compared with matched normal colonic mucosa. ARID3A plays an important role in E2F-mediated transcriptional activation and cell growth. Bright/ARID3A is a nuclear matrix-associated transcription factor that stimulates immunoglobulin heavy chain (IgH) expression and Cyclin E1/E2F-dependent cell cycle progression. Bright positively activates IgH transcriptional initiation by binding to ATC-rich P sites within nuclear matrix attachment regions (MARS) flanking the IgH intronic enhancer (Emu).

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.