

Rabbit anti-Human ARID3B Polyclonal Antibody | anti-ARID3B antibody

Anti-ARID3B Antibody, Rabbit Polyclonal

CATALOG # AAA258978	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ARID3B; Polyclonal Antibody; Anti-ARID3B Antibody; Rabbit Polyclonal; AT-rich interaction domain 3B; Anti-BDP Antibody; Anti-DRIL2 Antibody; anti-ARID3B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ARID3B
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ARID3B antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E coli-derived Human ARID3B fragment
Preparation	Produced in rabbits immunized with E coli-derived Human ARID3B 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



IF (Immunofluorescence)

Immunofluorescence staining of ARID3B in CACO2 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human ARID3B polyclonal antibody (dilution ratio 1:200) at 4? overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.



IHC (Immunohistochemistry)

Immunochemical staining of human ARID3B in human placenta with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-ARID3B rabbit polyclonal antibody at 1:500 dilution Lane A: ACHN 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: 61 kDa Observed band size: 70 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ARID3B antibody

ARID3B, a member of the AT-rich interaction domain (ARID) family of proteins, plays an essential role in the survival of neural crest during embryogenesis. ARID3B seems to play a key role in the malignant transformation of neuroblastoma and may serve not only as a marker of malignancy but also as a potential target for cancer therapy of stage IV neuroblastoma for which there is currently no effective treatment available. ARID3B is a DNA binding protein that is overexpressed in neuroblastoma and ovarian cancer. ARID3B has different patterns in normal tissues translate into different roles for ARID3B in carcinomas. ARID3B (AT-rich interaction domain 3) is a member of the family of ARID proteins, which constitutes evolutionarily conserved transcription factors implicated in normal development, differentiation, cell cycle regulation and chromatin remodeling. In addition, ARID3B has been linked to cellular immortalization, epithelial-mesenchymal transition (EMT) and tumorigenesis. Given the emerging role of ARID3B in tumor development, we examined its expression in primary patient-derived breast cancer samples and breast cancer-derived cell lines. ARID3B regulation of direct target genes in the Wnt pathway promotes adhesion of ovarian cancer cells. ARID3A and ARID3B are transcriptional targets of p53, ARID3B play a key role in the expression of pro-apoptotic p53-target genes and apoptosis.

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/arid3b-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/258978>