

# ARID3A Rabbit pAb

Catalog No.: A7668

3 Publications

## Basic Information

### Observed MW

75kDa

### Calculated MW

63kDa

### Category

Primary antibody

### Applications

WB, IHC-P, IP, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a member of the ARID (AT-rich interaction domain) family of DNA binding proteins. It was found by homology to the Drosophila dead ringer gene, which is important for normal embryogenesis. Other ARID family members have roles in embryonic patterning, cell lineage gene regulation, cell cycle control, transcriptional regulation, and possibly in chromatin structure modification.

## Recommended Dilutions

**WB** 1:500 - 1:2000**IHC-P** 1:50 - 1:200**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells**ELISA** Recommended starting  
concentration is 1 µg/mL.  
Please optimize the  
concentration based on  
your specific assay  
requirements.

## Immunogen Information

### Gene ID

1820

### Swiss Prot

Q99856

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

DRIL1; DRIL3; BRIGHT; E2FBP1; ARID3A

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

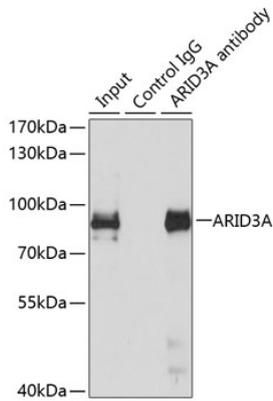
Affinity purification

### Storage

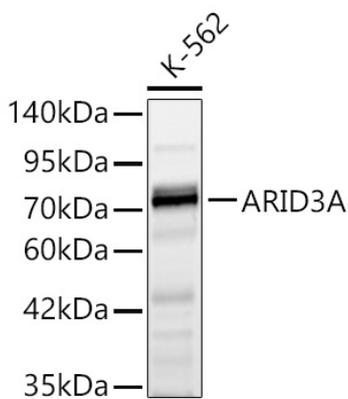
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

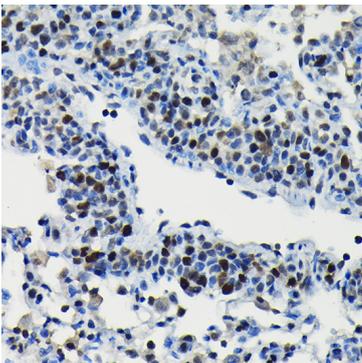
## Validation Data



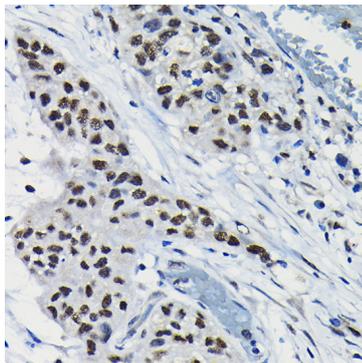
Immunoprecipitation analysis of 150 µg extracts of MCF7 cells using 3 µg ARID3A antibody (A7668). Western blot was performed from the immunoprecipitate using ARID3A antibody (A7668) at a dilution of 1:500.



Western blot analysis of lysates from K-562 cells using ARID3A Rabbit pAb (A7668) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Rat lung using ARID3A Rabbit pAb (A7668) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using ARID3A Rabbit pAb (A7668) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.