

## ARID1A Polyclonal Antibody

Catalog Number **PA5-35856**

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Dilution *	
Type	Antibody	Western Blot (WB)	1:1,000-1:10,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 1692 and 1835 of ARID1A	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1.28 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 20% glycerol		
Contains	0.025% ProClin 300		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

### Product specific information

Recommended positive controls: ARID1A-transfected 293T. Predicted reactivity: Bovine (89%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

### Background/Target Information

This gene encodes a member of the SWI/SNF family, whose members have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI, which is required for transcriptional activation of genes normally repressed by chromatin. It possesses at least two conserved domains that could be important for its function. First, it has a DNA-binding domain that can specifically bind an AT-rich DNA sequence known to be recognized by a SNF/SWI complex at the beta-globin locus. Second, the C-terminus of the protein can stimulate glucocorticoid receptor-dependent transcriptional activation. It is thought that the protein encoded by this gene confers specificity to the SNF/SWI complex and may recruit the complex to its targets through either protein-DNA or protein-protein interactions. Two transcript variants encoding different isoforms have been found for this gene.

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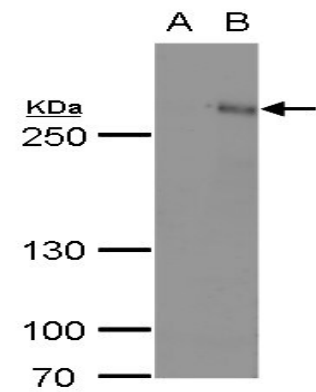
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Product Images For ARID1A Polyclonal Antibody

**ARID1A Antibody (PA5-35856) in WB**  
ARID1A Polyclonal Antibody detects ARID1A protein by western blot analysis. A. 30 µg 293T whole cell lysate/extract. B. 30 µg whole cell lysate/extract of human ARID1A-transfected 293T cells. 5 % SDS-PAGE. ARID1A Polyclonal Antibody (Product # PA5-35856) dilution: 1:5,000.



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