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**Product Name: ARID1A Rabbit Monoclonal Antibody****Catalog #: AMRe83877**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ICC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.39mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200
<b>Molecular Weight</b>	242 kDa

**Antigen Information**

<b>Gene Name</b>	ARID1A
<b>Alternative Names</b>	ARID1A; BAF250; C1orf4; ELD; HOSA1; Osa homolog 1; OSA1 nuclear protein; SMARCF1; MRD14; p270; B120; BM029;;ARID1A
<b>Gene ID</b>	
<b>SwissProt ID</b>	O14497
<b>Immunogen</b>	A synthesized peptide derived from human ARID1A

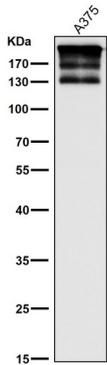
**Background**

Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome)

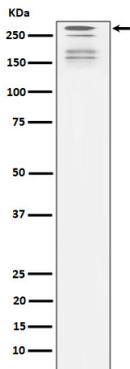
topology). Component of SWI/SNF chromatin remodeling complexes that carry out key enzymatic activities, changing chromatin structure by altering DNA-histone contacts within a nucleosome in an ATP-dependent manner.

## Research Area

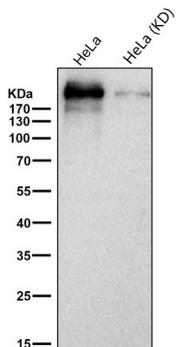
## Image Data



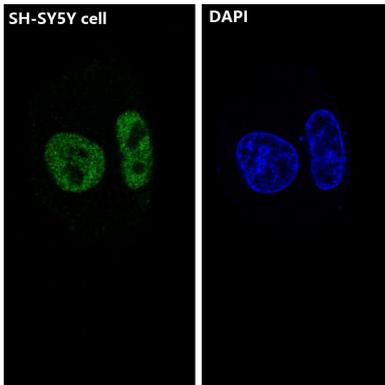
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



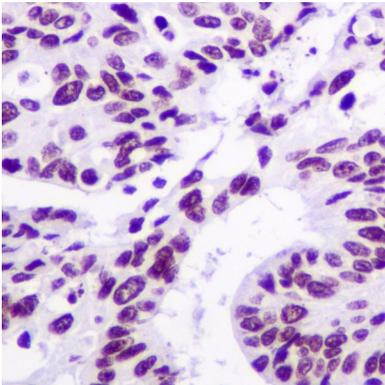
Western blot analysis of ARID1A expression in 293 cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Immunofluorescent analysis of SH-SY5Y cells, using ARID1A Antibody.



Immunohistochemical analysis of paraffin-embedded human adenocarcinoma of colon, using ARID1A Antibody.