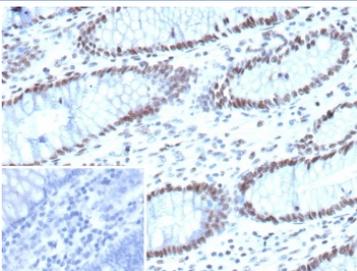


## ARID1A Antibody / AT rich interactive domain 1A [clone ARID1A/7736] (V5814)

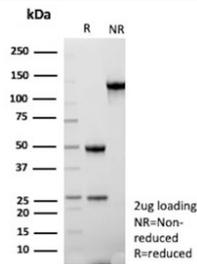
Catalog No.	Formulation	Size
V5814-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5814-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5814SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	ARID1A/7736
<b>Purity</b>	Protein G affinity
<b>UniProt</b>	O14497
<b>Localization</b>	Nucleus
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml
<b>Limitations</b>	This ARID1A antibody is available for research use only.



IHC staining of FFPE human colon tissue with ARID1A antibody (clone ARID1A/7736). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free ARID1A antibody (clone ARID1A/7736) as confirmation of integrity and purity.

## Description

The SWI-SNF complex is involved in the activation of transcription via the remodeling of nucleosome structure in an ATP-dependent manner. Brm (also designated SNF2a) and Brg-1 (also designated SNF2b) are the ATPase subunits of the mammalian SWI-SNF complex. Brm, Brg-1, Ini1 (integrator interactor 1, also designated SNF5), BAF155 (also designated SRG3) and BAF170 are thought to comprise the functional core of the SWI-SNF complex. Addition of Ini1, BAF155 and BAF170 to Brg-1 appears to increase remodeling activity. Other complex subunits, such as BAF250a (p270 or ARID1A) and BAF250b (ARID1B), are thought to play regulatory roles.

## Application Notes

Optimal dilution of the ARID1A antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 1800-2000 from human ARID1A protein was used as the immunogen for the ARID1A antibody.

## Storage

Aliquot the ARID1A antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.