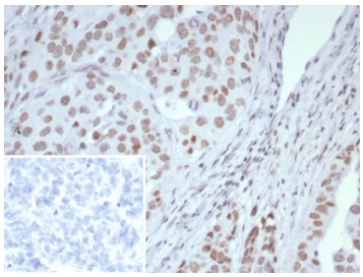
ARID1A Antibody [clone ARID1A/7735] (V4688)

Catalog No.	Formulation	Size
V4688-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4688-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4688SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	ARID1A/7735
Purity	Protein A/G affinity
UniProt	O14497
Localization	Nucleus
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This ARID1A antibody is available for research use only.



IHC staining of FFPE human ovarian cancer tissue with ARID1A antibody (clone ARID1A/7735). 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.

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 (integrase 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 recombinant partial protein sequence (within amino acids 1900-2000) from the human protein was used as the immunogen for the ARID1A antibody.

Storage

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