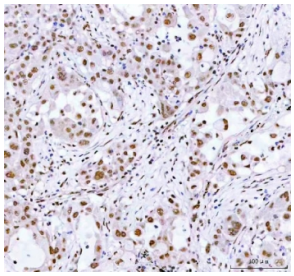
ARID domain-containing protein 1A Antibody / ARID1A (RQ8670)

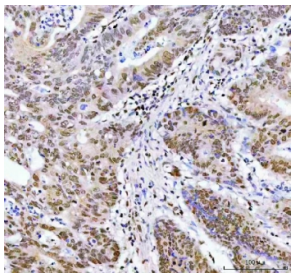
Catalog No.	Formulation	Size
RQ8670	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O14497
Localization	Nucleus
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells ELISA: 0.1-0.5ug/ml
Limitations	This ARID domain-containing protein 1A antibody is available for research use only.



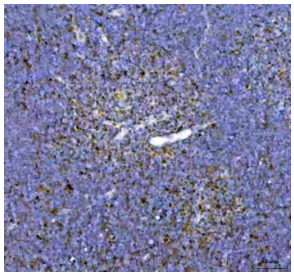
IHC staining of FFPE human lung cancer tissue with ARID domain-containing protein 1A antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



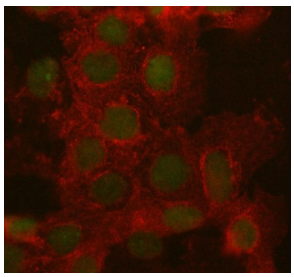
IHC staining of FFPE human colorectal adenocarcinoma tissue with ARID domain-containing protein 1A antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



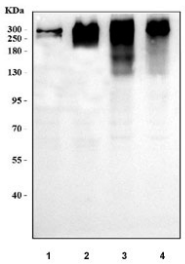
IHC staining of FFPE human spleen tissue with ARID domain-containing protein 1A antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



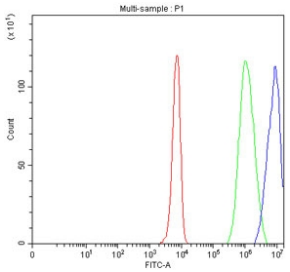
IHC staining of FFPE rat thymus tissue with ARID domain-containing protein 1A antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human A431 cells with ARID domain-containing protein 1A antibody (green) and Beta Tubulin mAb (red). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HeLa, 2) HepG2, 3) K562 and 4) MCF7 cell lysate with ARID domain-containing protein 1A antibody. Predicted molecular weight ~242 kDa, commonly observed at 242-270 kDa.



Flow cytometry testing of fixed and permeabilized human K562 cells with ARID domain-containing protein 1A antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ARID domain-containing protein 1A antibody.

Description

ARID domain-containing protein 1A is 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. [UniProt]

Application Notes

Optimal dilution of the ARID domain-containing protein 1A antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids R857-Q1552) was used as the immunogen for the ARID domain-containing protein 1A antibody.

Storage

After reconstitution, the ARID domain-containing protein 1A antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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