

ARID1A polyclonal antibody

Catalog # PAB30731

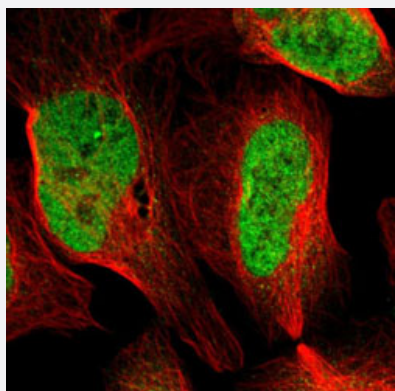
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Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human nasopharynx with ARID1A polyclonal antibody (Cat # PAB30731) shows strong nuclear positivity.



Immunofluorescence

Immunofluorescent staining of U-2 OS with ARID1A polyclonal antibody (Cat # PAB30731) (Green) shows positivity in nucleus but excluded from the nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human ARID1A.
Immunogen	Recombinant protein corresponding to human ARID1A.
Sequence	PGLGNVAMGPRQHYPYGGPYDRVRTEPGIGPEGNMSTGAPQPNLMPSNPDSGMYSRYPQQQ QQQQQQRHDSYGNQFSTQGTPSGSPFPSQQTMMYQQQQQNYK
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — ARID1A

Entrez GeneID	8289
Protein Accession#	O14497
Gene Name	ARID1A
Gene Alias	B120, BAF250, BAF250a, BM029, C1orf4, P270, SMARCF1
Gene Description	AT rich interactive domain 1A (SWI-like)
Omim ID	603024
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

AT rich interactive domain 1A|AT rich interactive domain 1A (SWI-like)|BRG1-associated factor 250a|OSA1 nuclear protein|OTTHUMP00000004117|OTTHUMP00000044975|SWI/SNF complex protein p270|SWI/SNF related, matrix associated, actin dependent regulator of ch