

Rabbit ARID1A Polyclonal Antibody | anti-ARID1A antibody

ARID1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40742	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Western Blot, ELISA

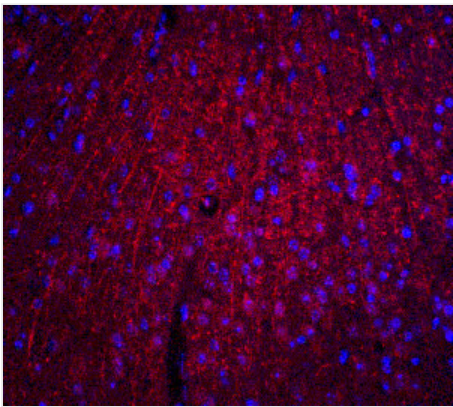
PRODUCT SYNONYMS

ARID1A; Polyclonal Antibody; ARID1A Antibody; AT rich interactive domain 1A (SWI-like); RP1-50O24.1; B120; BAF250; BAF250a; BM029; C1orf4; ELD; hELD; MRD14; OSA1; hOSA1; P270; SMARCF1; anti-ARID1A antibody

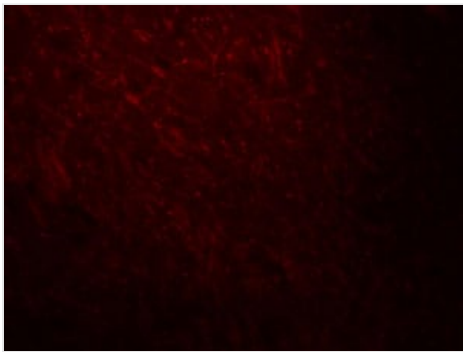
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ARID1A antibody is human, mouse and rat reactive. Multiple isoforms of ARID1A protein are known to exist.
Purity/Purification	ARID1A antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	2285
Applicable Applications for anti-ARID1A antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ARID1A antibody was raised against an 18 amino acid peptide near the amino terminus of human ARID1A.
Buffer	ARID1A antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ARID1A antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

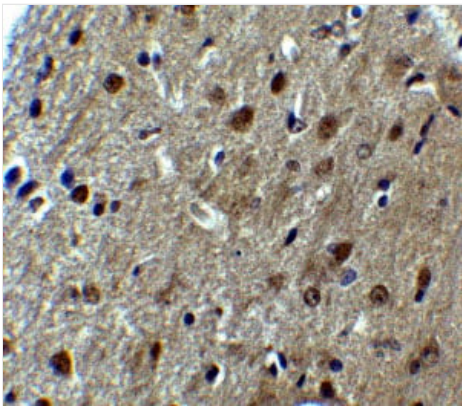
IMAGES



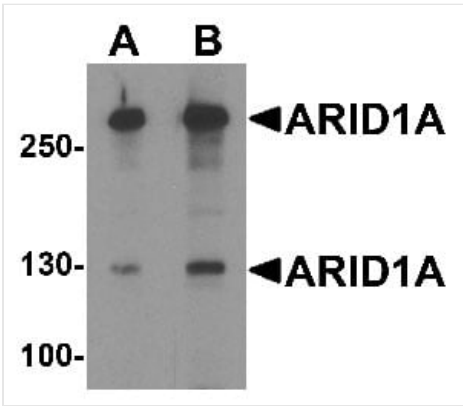
IF (Immunofluorescence)
Immunofluorescence of ARID1A in mouse brain tissue with ARID1A antibody at 20 μg/ml.



IF (Immunofluorescence)
Immunofluorescence of ARID1A in mouse brain tissue with ARID1A antibody at 20 μg/ml.



IHC (Immunohistochemistry)
Immunohistochemistry of ARID1A in mouse brain tissue with ARID1A antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of ARID1A in SK-N-SH cell lysate with ARID1A antibody at (A) 1 and (B) 2 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-ARID1A antibody	The ARID1A protein is a member of the SWI/SNF family, whose members are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. ARID1A is part of the large ATP-dependent chromatin remodeling complex SNF/SWI, which is required for transcriptional activation of genes normally repressed by chromatin (1). It possesses 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. The C-terminus of the protein can stimulate glucocorticoid receptor-dependent transcriptional activation. It is thought that ARID1A confers specificity to the SNF/SWI complex and may recruit the complex to its targets through either protein-DNA or protein-protein interactions (2).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21264565
NCBI GeneID	8289
NCBI Accession #	NP_006006
NCBI GenBank Nucleotide #	NM_006015.4
UniProt Accession #	O14497; Q53FK9; Q5T0W1; Q5T0W2; Q5T0W3; Q8NFD6; Q96T89; Q9BY33; Q9HBJ5; Q9UPZ1; D3DPL1
Molecular Weight	Predicted: 133; 227; 251 kDa Observed: 130; 260 kDa

NCBI Official Full Name	AT-rich interactive domain-containing protein 1A isoform a
NCBI Official Synonym Full Names	AT rich interactive domain 1A (SWI-like)
NCBI Official Symbol	ARID1A
NCBI Official Synonym Symbols	ELD; B120; OSA1; P270; hELD; BM029; MRD14; hOSA1; BAF250; C1orf4; BAF250a; SMARCF1
NCBI Protein Information	AT-rich interactive domain-containing protein 1A; osa homolog 1; SWI-like protein; brain protein 120; OSA1 nuclear protein; BRG1-associated factor 250a; SWI/SNF complex protein p270; chromatin remodeling factor p250; ARID domain-containing protein 1A; SWI/SNF-related, matrix-associated, actin-dependent regulator of chromatin subfamily F member 1
UniProt Protein Name	AT-rich interactive domain-containing protein 1A
UniProt Gene Name	ARID1A
UniProt Synonym Gene Names	BAF250; BAF250A; C1orf4; OSA1; SMARCF1; ARID domain-containing protein 1A; BAF250; BAF250A; hOSA1
UniProt Entry Name	ARI1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/arid1a-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/40742>