

Rabbit ARID1A Polyclonal Antibody | anti-ARID1A antibody

ARID1A Polyclonal Antibody

CATALOG # AAA167829	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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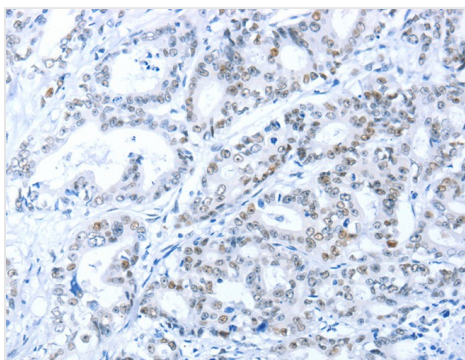
PRODUCT SYNONYMS

ARID1A; Polyclonal Antibody; ARID1A Polyclonal Antibody; ELD; B120; OSA1; P270; hELD; BM029; MRD14; hOSA1; BAF250; C1orf4; BAF250a; SMARCF1; anti-ARID1A antibody

PRODUCT SPECIFICATIONS

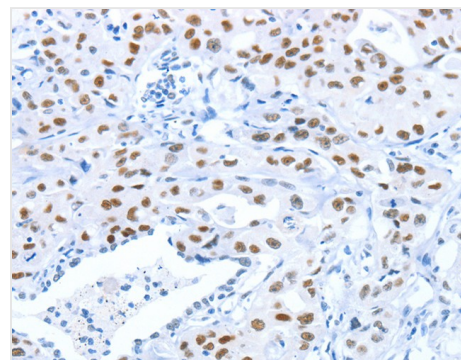
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.7mg/mL (varies by lot)
Sequence Length	2068
Applicable Applications for anti-ARID1A antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human ARID1A
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ARID1A Polyclonal Antibody at dilution 1:80



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using ARID1A Polyclonal Antibody at dilution 1:80

ADDITIONAL INFORMATION

Related Product Information for anti-ARID1A antibody	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.
Product Categories/Family for anti-ARID1A antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	21264575
NCBI GeneID	8289
NCBI Accession #	NP_624361.1
NCBI GenBank Nucleotide #	NM_139135.2
Molecular Weight	205,921 Da
NCBI Official Full Name	AT-rich interactive domain-containing protein 1A isoform b
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; ARID domain-containing protein 1A; BRG1-associated factor 250a; OSA1 nuclear protein; SWI-like protein; SWI/SNF complex protein p270; SWI/SNF-related, matrix-associated, actin-dependent regulator of chromatin subfamily F member 1; brain protein 120; chromatin remodeling factor p250; osa homolog 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.