

# ARID1A polyclonal antibody (A01)

Catalog # H00008289-A01

Size 50 uL

## Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ARID1A.
Immunogen	ARID1A (NP_006006, 1216 a.a. ~ 1325 a.a) partial recombinant protein with GST tag.
Sequence	NTSDMMGRMSYEPNKDPYGSMRKAPGSDPFMSSGQGPNGGMGDPYSRAAGPGLGNVAMGPR QHYPYGGPYDRVRTEPGIGPEGNMSTGAPQPNLMPSNPDSGMYSRYP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- ELISA

## Gene Info — ARID1A

Entrez GeneID	<a href="#">8289</a>
GeneBank Accession#	<a href="#">NM_006015</a>
Protein Accession#	<a href="#">NP_006006</a>
Gene Name	ARID1A

Gene Alias	B120, BAF250, BAF250a, BM029, C1orf4, P270, SMARCF1
Gene Description	AT rich interactive domain 1A (SWI-like)
Omim ID	<a href="#">603024</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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]</p>
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