Mouse anti-Human ARID3A Monoclonal Antibody | anti-ARID3A antibody

ARID3A (AT-rich Interactive Domain-containing Protein 3A, ARID Domain-containing Protein 3A, B Cell Regulator of IgH Transcription, Bright, Dead Ringer-like Protein 1, E2F-binding Protein 1, DRIL1, DRIL3, DRX, E2FBP1) (HRP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25322	**Mouse**	**Human**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

ARID3A; Monoclonal Antibody; ARID3A (AT-rich Interactive Domain-containing Protein 3A; ARID Domain-containing Protein 3A; B Cell Regulator of IgH Transcription; Bright; Dead Ringer-like Protein 1; E2F-binding Protein 1; DRIL1; DRIL3; DRX; E2FBP1) (HRP); anti-ARID3A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1A11
Specificity	Recognizes human ARID3A.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-ARID3A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa317-416 from human ARID3A (NP_005215) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	QYMKYLYPYECEKRGLSNPNELQAAIDSNRREGRRQSFGGSLFAYSPGGAHGMLSSPKLPVSSLGLAASTNGSSITPAPKIKKEEDSAIPITVPGRLPVS
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

WB (Western Blot)
Western blot analysis of ARID3A over-expressed 293 cell line, cotransfected with ARID3A Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with ARID3A monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.

Application Data
Detection limit for recombinant GST tagged ARID3A is ~0.03ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to ARID3A on HeLa cell. [antibody concentration 10ug/ml].

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to ARID3A on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3ug/ml].

WB (Western Blot)
ARID3A monoclonal antibody, Western Blot analysis of ARID3A expression in K-562.

WB (Western Blot)
Western Blot detection against Immunogen (36.74kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-ARID3A antibody	Antibodies; Binding Proteins
References	1. Expression profiling of more than 3500 proteins of MSS-type colorectal cancer by stable isotope labeling and mass spectrometry. Kang UB, Yeom J, Kim HJ, Kim H, Lee C.J Proteomics. 2011 Nov 26.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885193
NCBI GeneID	1820
NCBI Accession #	NP_005215
NCBI GenBank Nucleotide #	NM_005224
UniProt Accession #	Q99856; Q5I858; Q6P9C6; Q8IZA7; Q8N4Z3
Molecular Weight	62,889 Da
NCBI Official Full Name	AT-rich interactive domain-containing protein 3A
NCBI Official Synonym Full Names	AT rich interactive domain 3A (BRIGHT-like)
NCBI Official Symbol	ARID3A
NCBI Official Synonym Symbols	DRIL1; DRIL3; BRIGHT; E2FBP1
NCBI Protein Information	AT-rich interactive domain-containing protein 3A; ARID domain-containing 3A; ARID domain-containing protein 3A; AT rich interactive domain 3A (BRIGHT- like) protein; B-cell regulator of IgH transcription; E2F-binding protein 1; dead ringer-like 1; dead ri
UniProt Protein Name	AT-rich interactive domain-containing protein 3A
UniProt Gene Name	**ARID3A**
UniProt Synonym Gene Names	DRIL1; DRIL3; DRX; E2FBP1; ARID domain-containing protein 3A; Bright
UniProt Entry Name	ARI3A_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/monoclonal/arid3a-antibody-clone-1a11-immunohistochemistry-western-blot-elisa/25322