



Mouse anti-Human ARID4A monoclonal antibody, clone 3H9 (CABT-B9788)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	ARID4A (NP_002883, 1033 a.a. ~ 1140 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3H9
Conjugate	Unconjugated
Applications	WB, IF, ELISA
Sequence Similarities	AEESQEGLCERESANGFETNVASGTCIIVQERESREKGQKRPSDGNSGLMAKKQKRTPK RTSAAAKNEKNGTGQSSDSEDPVLDNSSKCTPVKHLNVSKPQKLAR*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The protein encoded by this gene is a ubiquitously expressed nuclear protein. It binds directly, with several other proteins, to retinoblastoma protein (pRB) which regulates cell proliferation.
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pRB represses transcription by recruiting the encoded protein. This protein, in turn, serves as a bridging molecule to recruit HDACs and, in addition, provides a second HDAC-independent repression function. The encoded protein possesses transcriptional repression activity. Multiple alternatively spliced transcripts have been observed for this gene, although not all transcript variants have been fully described. [provided by RefSeq, Jul 2008]

Keywords	ARID4A; AT rich interactive domain 4A (RBP1-like); RBP1; RBBP1; RBP-1; RBBP-1; AT-rich interactive domain-containing protein 4A; retinoblastoma binding protein 1; retinoblastoma-binding protein 1; ARID domain-containing protein 4A;
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GENE INFORMATION

Entrez Gene ID

[5926](#)

UniProt ID

[Q05CG0](#)

Function

DNA binding; sequence-specific DNA binding transcription factor activity
