

ARID3A Monoclonal antibody, PBS Only

Catalog Number: **68428-1-PBS**

Basic Information

Catalog Number:	68428-1-PBS	GenBank Accession Number:	BC060828	Purification Method:	Protein A purification
Size:	1 mg/ml	GeneID (NCBI):	1820	CloneNo.:	2B10C10
Source:	Mouse	UNIPROT ID:	Q99856		
Isotype:	IgG2a	Full Name:	AT rich interactive domain 3A (BRIGHT-like)		
Immunogen Catalog Number:	AG7655	Calculated MW:	63 kDa		
		Observed MW:	75 kDa		

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human

Background Information

ARID3A is a nuclear matrix-associated transcription factor that stimulates immunoglobulin heavy chain (IgH) expression and Cyclin E1/E2F-dependent cell cycle progression. It activates IgH transcriptional initiation by binding to ATC-rich P sites within nuclear matrix attachment regions (MARs) flanking the IgH intronic enhancer (Emu) (PMID:17386101). It is the founder of the 13-member (in humans) ARID (AT-Rich Interaction Domain) family, which share a highly conserved DNA binding domain, but functions in diverse biological processes such as cell cycle regulated events, epigenetic post-translational modification, and chromatin remodeling (PMID:15927959,11959810,11283269). The expression molecular weight observed is consistent with what has been described in the literature (PMID: 15922553, 19436740).

Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

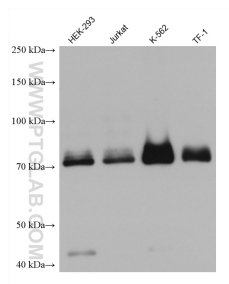
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68428-1-Ig (ARID3A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68428-1-PBS in a different storage buffer formulation.