

For Research Use Only

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: 100ug, Concentration: 1 mg/ml by Nanodrop;	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

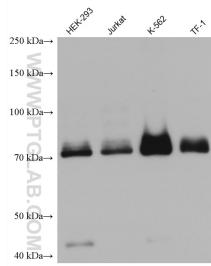
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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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.