

For Research Use Only

ARID4B Monoclonal antibody

Catalog Number: 67384-1-Ig



Basic Information

Catalog Number: 67384-1-Ig	GenBank Accession Number: BC130418	Purification Method: Protein G purification
Size: 150ul, Concentration: 1600 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51742	CloneNo.: 1H3E2
Source: Mouse	UNIPROT ID: Q4LE39	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: AT rich interactive domain 4B (RBP1-like)	
Immunogen Catalog Number: AG21485	Calculated MW: 1312 aa, 148 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : T-47D cells, MDA-MB-231 cells
Species Specificity: Human	

Background Information

ARID4B, also named as BRCA1 or SAP180, is a 1312 amino acid protein, which contains one ARID domain. ARID4B localizes in the nucleus and cytoplasm. ARID4B as a transcription repressor may function in the assembly and/or enzymatic activity of the Sin3A corepressor complex or in mediating interactions between the complex and other regulatory complexes. ARID4B is highly expressed in the testis and in breast, lung, colon, pancreatic and ovarian cancers. Expressed at low levels in the thymus, prostate and ovary.

Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

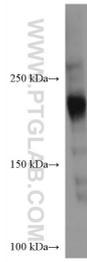
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

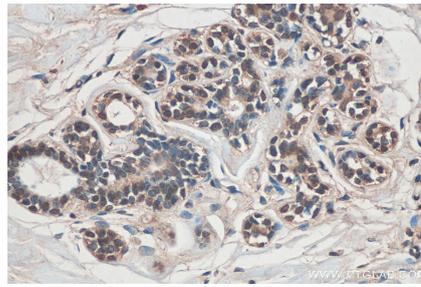
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



T-47D cells were subjected to SDS PAGE followed by western blot with 67384-1-Ig (ARID4B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67384-1-Ig (ARID4B antibody) at dilution of 1:1000 (under 0x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).