

ARID4B Monoclonal antibody

Catalog Number: 67384-1-Ig

Basic Information

Catalog Number:

67384-1-Ig

Size:

1600 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG21485

GenBank Accession Number:

BC130418

GeneID (NCBI):

51742

UNIPROT ID:

Q4LE39

Full Name:

AT rich interactive domain 4B (RBP1-like)

Calculated MW:

1312 aa, 148 kDa

Purification Method:

Protein G purification

CloneNo.:

1H3E2

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : T-47D cells, MDA-MB-231 cells

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:

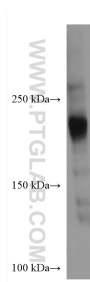
Store at -20°C.

Storage Buffer:

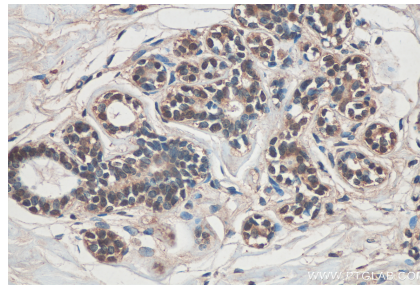
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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).