For Research Use Only

ARID4B Monoclonal antibody

Catalog Number: 67384-1-Ig



Basic Information

Catalog Number: GenBank Accession Number: BC130418

Purification Method: Protein G purification

67384-1-lg Size: 1600 µg/ml Source:

GeneID (NCBI): CloneNo.: 51742 1H3E2

UNIPROT ID: Recommended Dilutions: Q4LE39 WB 1:5000-1:50000

Isotype: Full Name:

lgG1 AT rich interactive domain 4B (RBP1-

Immunogen Catalog Number:

AG21485 Calculated MW:

1312 aa, 148 kDa

Applications

Tested Applications:

Positive Controls:

WB, ELISA

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

Species Specificity:

Human

Mouse

Background Information

ARID4B, also named as BRCAA1 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 $enzy matic\ activity\ of\ the\ Sin\ 3A\ corepressor\ complex\ or\ in\ mediating\ interactions\ between\ the\ complex\ and\ other$ 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

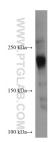
Storage:

Store at -20°C. Storage Buffer:

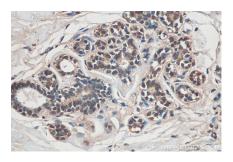
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



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



Immunohistochemical analysis of paraffinembedded 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).