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## Datasheet for ABIN7453522 **anti-BRCAA1 antibody (AA 125-175)**

### Overview

Quantity:	100 µg
Target:	BRCAA1 (ARID4B)
Binding Specificity:	AA 125-175
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRCAA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

### Product Details

Purpose:	Rabbit anti-ARID4B Antibody, Affinity Purified
Immunogen:	between AA 125 and 175
Isotype:	IgG
Predicted Reactivity:	Mouse,Rat
Purification:	Affinity Purified

### Target Details

Target:	BRCAA1 (ARID4B)
Alternative Name:	ARID4B ( <a href="#">ARID4B Products</a> )

## Target Details

**Background:** Background: ARID4B (AT-rich interactive domain-containing protein 4B) is also known as RbBP1L1 (retinoblastoma binding protein 1-like 1) and is a retinoblastoma binding protein and member of the AT-rich interaction domain (ARID) family of proteins. In addition to the ARID DNA binding domain, ARID4B also contains a chromo domain and a TUDOR domain, indicating a function in chromatin organization and protein-protein interactions with methylated protein substrates. As a subunit of the SIN3A transcriptional co-repressor, ARID4B is implicated to be involved in chromatin remodeling and epigenetic modifications. ARID4B may play a role in the pathogenesis of breast cancer and other malignancies.

**Gene ID:** 51742

**NCBI Accession:** [NP\\_057458](#)

**UniProt:** [Q4LE39](#)

## Application Details

**Application Notes:** IHC: 1:1,000 - 1:5,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.  
IP: 5 - 10 µg/mg lysate  
WB: 1:2,000 - 1:10,000

**Restrictions:** For Research Use only

## Handling

**Concentration:** 1000 µg/mL

**Buffer:** Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C

**Expiry Date:** 12 months