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Datasheet for ABIN651546
anti-UBAC1 antibody (C-Term)

3 Images

Overview

Quantity:	400 µL
Target:	UBAC1
Binding Specificity:	AA 264-292, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBAC1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This UBAC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 264-292 amino acids from the C-terminal region of human UBAC1.
Clone:	RB26895
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	UBAC1
Alternative Name:	UBAC1 (UBAC1 Products)

Target Details

Background: UBAC1 belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein has two RRM domains that bind to RNAs.

Molecular Weight: 45338

Gene ID: 10422

NCBI Accession: [NP_057256](#)

UniProt: [Q9BSL1](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

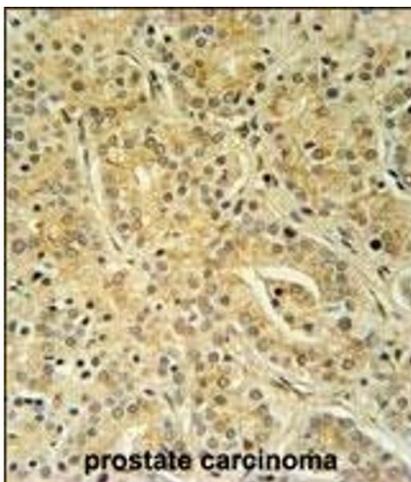
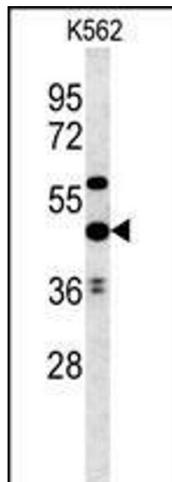
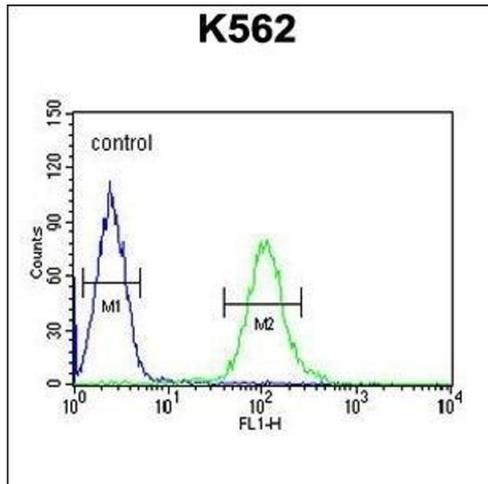
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Flow Cytometry

Image 1. UBAC1 Antibody (C-term) (ABIN651546 and ABIN2840294) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. UBAC1 Antibody (C-term) (ABIN651546 and ABIN2840294) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the UBAC1 antibody detected the UBAC1 protein (arrow).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. UBAC1 Antibody (C-term) (ABIN651546 and ABIN2840294) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the UBAC1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.