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### anti-UBA3 antibody (C-Term)





## Overview

Overview	
Quantity:	400 μL
Target:	UBA3
Binding Specificity:	AA 415-445, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This UBE1C antibody is generated from rabbits immunized with a KLH conjugated synthetic
Immunogen:	This UBE1C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 415-445 amino acids from the C-terminal region of human UBE1C.
Immunogen: Clone:	
	peptide between 415-445 amino acids from the C-terminal region of human UBE1C.
Clone:	peptide between 415-445 amino acids from the C-terminal region of human UBE1C.  RB2803
Clone:	peptide between 415-445 amino acids from the C-terminal region of human UBE1C.  RB2803  Ig Fraction
Clone:  Isotype:  Predicted Reactivity:	peptide between 415-445 amino acids from the C-terminal region of human UBE1C.  RB2803  Ig Fraction  Zf, Rat
Clone:  Isotype:  Predicted Reactivity:  Purification:	peptide between 415-445 amino acids from the C-terminal region of human UBE1C.  RB2803  Ig Fraction  Zf, Rat

#### **Target Details**

Background:
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The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E1 ubiquitin-activating enzyme family. The encoded enzyme associates with AppBp1, an amyloid beta precursor protein binding protein, to form a heterodimer, and then the enzyme complex activates NEDD8, a ubiquitin-like protein, which regulates cell division, signaling and embryogenesis. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Molecular Weight: 51852

Gene ID: 9039

NCBI Accession: NP\_003959, NP\_937838

UniProt: Q8TBC4

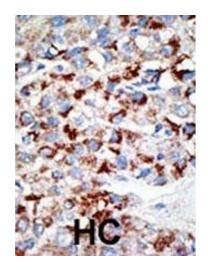
#### **Application Details**

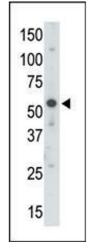
Application Notes:	WB: 1:1000. WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100	
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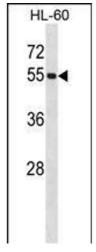
Restrictions: For Research Use only

#### 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 smal aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	







#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

#### **Western Blotting**

**Image 2.** The anti-UBE1 C-term Pab (ABIN387909 and ABIN2844296) is used in Western blot to detect UBE1 in mouse brain tissue lysate.

#### **Western Blotting**

 $\label{eq:mage 3.} \begin{tabular}{ll} \textbf{Image 3.} & \textbf{UBE1C Antibody (ABIN387909 and ABIN2844296)} \\ \textbf{western blot analysis in HL-60 cell line lysates (35 $\mu$ g/lane). This demonstrates the UBE1C antibody detected the UBE1C protein (arrow).} \\ \end{tabular}$ 

Please check the product details page for more images. Overall 4 images are available for ABIN387909.