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# anti-UBA2 antibody (C-Term)

2 Images



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#### Overview

Quantity:	0.4 mL
Target:	UBA2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human UBA2.
Isotype:	lg Fraction
Specificity:	This antibody is specific to UBA2 (C-term).
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

## **Target Details**

Target:	UBA2
Alternative Name:	SAE2 / UBA2 (UBA2 Products)

### **Target Details**

Handling Advice:

Storage Comment:

Storage:

rarget Details	
Background:	Ubiquitin is covalently attached to target proteins by a multienzymatic system consisting of E1
	(ubiquitin-activating), E2 (ubiquitin-conjugating), and E3 (ubiquitin-ligating) enzymes. NEDD8, a
	ubiquitin-like protein, is conjugated to proteins in a manner analogous to ubiquitinylation. beta-
	amyloid precursor protein-binding protein-1 (APPBP1) can bind to NEDD8 in rabbit reticulocyte
	lysates. However, since APPBP1 shows similarity to only the N-terminal domain of an E1
	enzyme, it must interact with a protein showing similarity to the C-terminal region of E1s. By
	searching sequence databases, a cDNAs encoding UBA3 was identified as the human homolog
	of yeast Uba3. The predicted 442-amino acid UBA3 protein shares 43 % sequence identity with
	yeast Uba3. In vitro, UBA3 formed a complex with APPBP1 and a thioester linkage with NEDD8.
	APPBP1/UBA3 complex may function as an E1-like enzyme for the activation of
	NEDD8.Synonyms: ARX, Anthracycline-associated resistance ARX, HRIHFB2115, SUMO-
	activating enzyme subunit 2, UBLE1B, Ubiquitin-like 1-activating enzyme E1B
Gene ID:	10054, 9606
UniProt:	Q9UBT2
Application Details	
Application Notes:	ELISA: 1/1,000. Western blot: 1/100approx. 1/500. Immunohistochemistry: 1/50approx. 1/100.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

should be handled by trained staff only.

Avoid repeated freezing and thawing.

4 °C/-20 °C

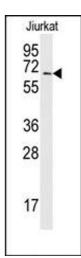


Image 1.

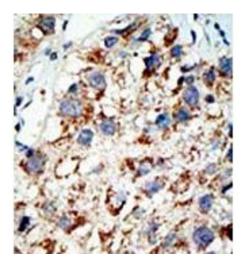


Image 2.