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Datasheet for ABIN7271186 anti-UBA3 antibody

2 Images



Overview

Quantity:	100 μL
Target:	UBA3
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This UBA3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	UBA3 Rabbit mAb
Immunogen:	Recombinant protein of Human UBA3.
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

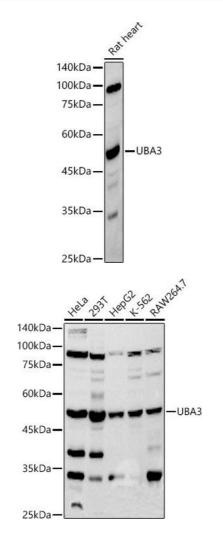
## Target Details

Target:	UBA3
Alternative Name:	UBA3 (UBA3 Products)
Background:	The modification of proteins with ubiquitin is an important cellular mechanism for targeting

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	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.,UBA3,NAE2,UBE1C,hUBA3,Cell Biology & Developmental
	Biology,Apoptosis,Ubiquitin,Ubiquitin-Proteasome Signaling Pathway,UBA3
Molecular Weight:	50kDa/51kDa
Gene ID:	9039
UniProt:	Q8TBC4
Application Details	
Application Notes:	WB,1:500 - 1:2000
Application Notes: Restrictions:	WB,1:500 - 1:2000 For Research Use only
Restrictions:	
Restrictions: Handling	For Research Use only
Restrictions: Handling Format:	For Research Use only Liquid
Restrictions: Handling Format: Buffer:	For Research Use only         Liquid         PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Restrictions: Handling Format: Buffer: Preservative:	For Research Use only         Liquid         PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.         Sodium azide
Restrictions: Handling Format: Buffer: Preservative:	For Research Use only         Liquid         PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.         Sodium azide         This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

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### **Western Blotting**

**Image 1.** Western blot analysis of extracts of Rat heart, using UB antibody (ABIN7271186) at 1:500 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 180s.

### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using UB antibody (ABIN7271186) at 1:500 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.

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