

Datasheet for ABIN1109430
anti-UBA5 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	50 µg
Target:	UBA5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide from Human UBA5. Epitope: C-Terminus
Isotype:	IgG
Specificity:	This Antibody detects endogenous levels of total UBA5 protein.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse, Rat. Species reactivity (tested):Human.
Purification:	Immunoaffinity Chromatography

Target Details

Target:	UBA5
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Target Details

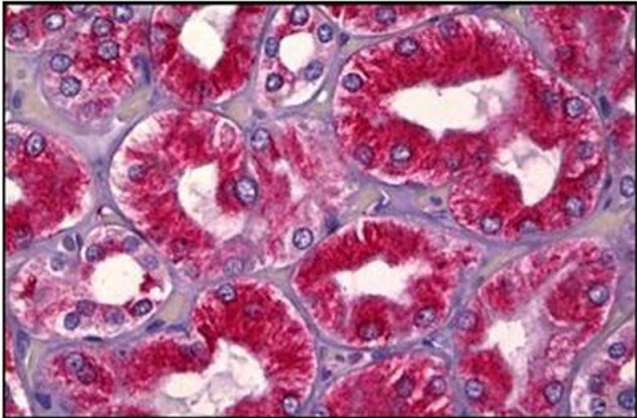
Alternative Name:	UBA5 / UBE1DC1 (UBA5 Products)
Background:	Various ubiquitin-like (UBL) post-translational modifiers contribute critically to the protein degradation pathway. These UBLs are covalently linked to most target proteins through an enzymatic cascade analogous to ubiquitylation, consisting of E1 (activating), E2 (conjugating), and E3 (ligating) enzymes. Uba5 is an E1-like enzyme that belongs to the ubiquitin-activating enzyme family, and activates UFM1, a novel ubiquitin-fold modifier. Synonyms: ThiFP1, UFM1-activating enzyme, Ubiquitin-activating enzyme 5, Ubiquitin-activating enzyme E1 domain-containing protein 1, Ubiquitin-like modifier-activating enzyme 5
Gene ID:	79876
NCBI Accession:	NP_079094

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

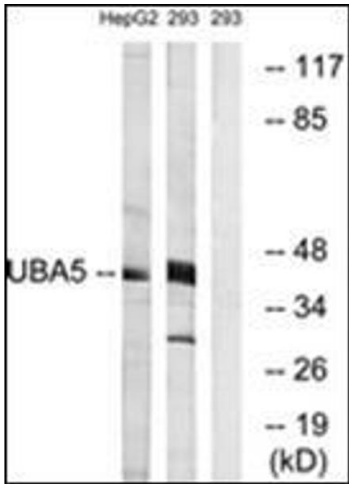
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS (without Mg ²⁺ , Ca ²⁺), pH 7.4, 150 mM Sodium Chloride, 50 % Glycerol, 0.02 % 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Kidney, Tubules: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western Blotting

Image 2. Western blot analysis of extracts from HepG2/293 cells, using UBA5 Antibody. The lane on the right is treated with the synthesized peptide.