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## Datasheet for ABIN6991991 **anti-UBIAD1 antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	UBIAD1
Binding Specificity:	AA 210-260, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBIAD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	UBIAD1 antibody was raised against a 15 amino acid peptide near the carboxy terminus of human UBIAD1. The immunogen is located within amino acids 210 - 260 of UBIAD1.
Isotype:	IgG
Specificity:	UBIAD1 antibody is human, mouse and rat reactive.
Purification:	UBIAD1 antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	UBIAD1
Alternative Name:	UBIAD1 ( <a href="#">UBIAD1 Products</a> )

## Target Details

**Background:** The UbiA prenyltransferase domain containing 1 (UBIAD1) protein, also known as TERE1, was initially identified as a down-regulated gene in transitional cell carcinoma of the bladder (1). Recently it has been shown to bind the cholesterol carrier APOE and modulate cellular cholesterol levels (2). Mutations in the UBIAD1 gene can cause Schnyder crystalline corneal dystrophy, an autosomal dominant disease characterized by progressive opacification of the cornea resulting from the local accumulation of lipids (3).

**Molecular Weight:** Predicted: 37 kDa

Observed: 45 kDa

**Gene ID:** 29914

**NCBI Accession:** [NP\\_037451](#)

**UniProt:** [Q9Y5Z9](#)

## Application Details

**Application Notes:** UBIAD1 antibody can be used for detection of UBIAD1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunohistochemistry at 5 µg/mL. For Immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** UBIAD1 Antibody is supplied in PBS containing 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.

**Storage:** -20 °C, 4 °C

**Storage Comment:** UBIAD1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.