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Anti-UBIAD1 Antibody

Catalog Number: A04437

About UBIAD1

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).

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Overview

Product Name	Anti-UBIAD1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-UBIAD1 Antibody (Catalog # A04437). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	UBIAD1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	UBIAD1 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q9Y5Z9

Technical Details

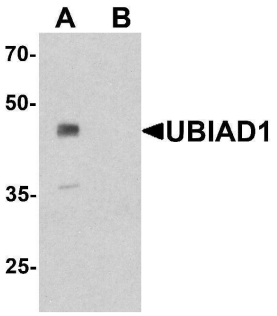
Immunogen	UBIAD1 antibody was raised against a 15 amino acid peptide near the carboxy terminus of human UBIAD1. The immunogen is located within amino acids 210 - 260 of UBIAD1.
Predicted Reactive Species	Chicken
Cross Reactivity	UBIAD1 antibody is human, mouse and rat reactive.
Isotype	IgG

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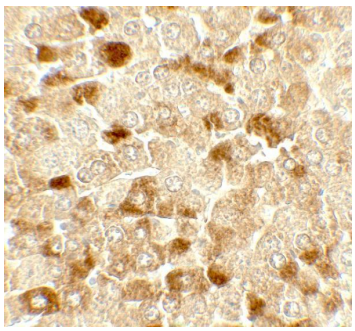
Form	Liquid
Concentration	1 mg/mL
Purification	UBIAD1 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	UBIAD1 antibody can be used for detection of UBIAD1 by Western blot at 1 - 2 ug/ml. Antibody can also be used for Immunohistochemistry at 5 ug/mL. For Immunoflorescence start at 20 ug/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. Optimal dilutions for each application should be determined by the researcher.

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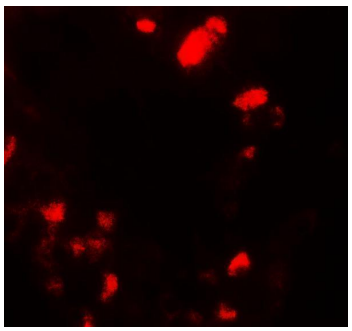
Anti-UBIAD1 Antibody (A04437) Images



Western blot analysis of UBIAD1 in mouse liver tissue lysate with UBIAD1 antibody at 1 ug/ml in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of UBIAD1 in mouse liver tissue with UBIAD1 antibody at 5 ug/mL.



Immunofluorescence of UBIAD1 in mouse liver tissue with UBIAD1 antibody at 20 ug/mL.

Anti-UBIAD1 Antibody

For Research Use Only. Not for use in diagnostic procedures.