

Product datasheet for **TA349039**

UBIAD1 Rabbit Polyclonal Antibody

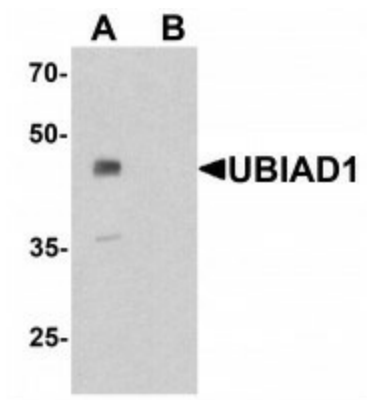
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	UBIAD1 antibody was raised against a 15 amino acid peptide near the carboxy terminus of human UBIAD1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	UBIAD1 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 37 kDa; Observed: 45 kDa
Gene Name:	UbiA prenyltransferase domain containing 1
Database Link:	NP_037451 Entrez Gene 29914 Human Q9Y5Z9
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).
Synonyms:	USP21

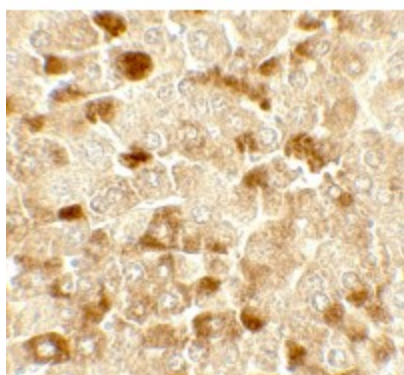


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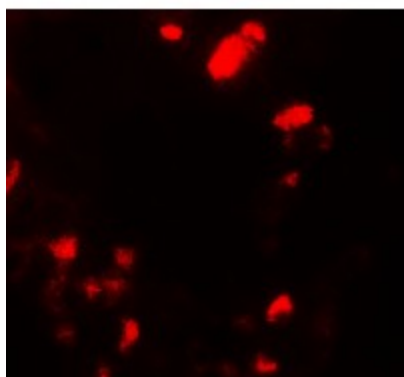
Product images:



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.