

Rabbit UBIAD1 Polyclonal Antibody | anti-UBIAD1 antibody

UBIAD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40597	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

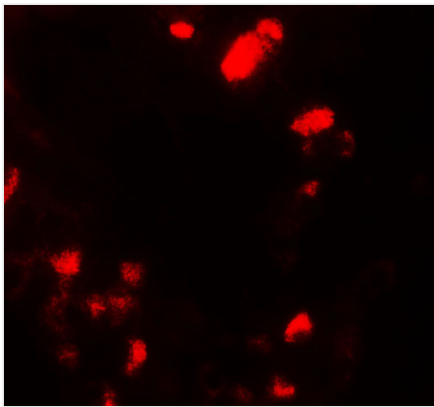
PRODUCT SYNONYMS

UBIAD1; Polyclonal Antibody; UBIAD1 Antibody; SCCD; TERE1; UbiA prenyltransferase domain-containing protein 1; Transitional epithelial response protein 1; UbiA prenyltransferase domain containing 1; anti-UBIAD1 antibody

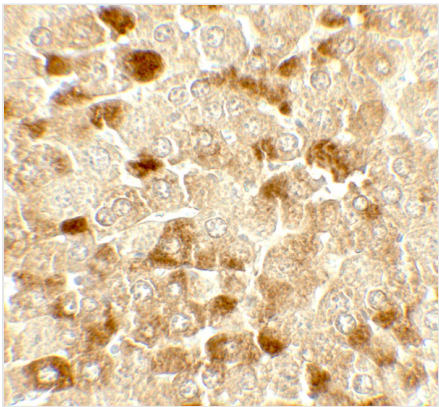
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	UBIAD1 antibody is human, mouse and rat reactive.
Purity/Purification	UBIAD1 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	338
Applicable Applications for anti-UBIAD1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	UBIAD1 antibody was raised against a 15 amino acid peptide near the carboxy terminus of human UBIAD1.
Buffer	UBIAD1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	UBIAD1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

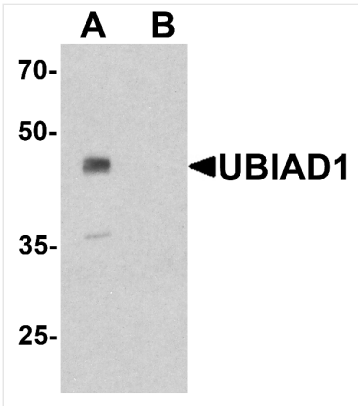
IMAGES



IF (Immunofluorescence)
Immunofluorescence of UBIAD1 in mouse liver tissue with UBIAD1 antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of UBIAD1 in mouse liver tissue with UBIAD1 antibody at 5 μg/mL.



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

ADDITIONAL INFORMATION

Related Product Information for anti-UBIAD1 antibody	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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NCBI AND UNIPROT INFORMATION

NCBI GI #	7019551
NCBI GeneID	29914
NCBI Accession #	NP_037451
NCBI GenBank Nucleotide #	NM_013319.2
UniProt Accession #	Q9Y5Z9; Q53GX3; Q5THD4; B3KQG3
Molecular Weight	Predicted: 37 kDa Observed: 45 kDa
NCBI Official Full Name	ubiA prenyltransferase domain-containing protein 1
NCBI Official Synonym Full Names	UbiA prenyltransferase domain containing 1

NCBI Official Symbol	UBIAD1
NCBI Official Synonym Symbols	SCCD; TERE1
NCBI Protein Information	ubiA prenyltransferase domain-containing protein 1; transitional epithelia response protein; transitional epithelial response protein 1
UniProt Protein Name	UbiA prenyltransferase domain-containing protein 1
UniProt Gene Name	UBIAD1
UniProt Synonym Gene Names	TERE1
UniProt Entry Name	UBIA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ubiad1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40597>