

A14214

Leader in Biomolecular Solutions for Life Science



# UBIAD1 Rabbit pAb

Catalog No.: A14214

## Basic Information

### Observed MW

90kDa

### Calculated MW

37kDa

### Category

Mouse Monoclonal Antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

This gene encodes a protein thought to be involved in cholesterol and phospholipid metabolism. Mutations in this gene are associated with Schnyder crystalline corneal dystrophy.

## Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:100 - 1:500
IF/ICC	1:50 - 1:200

## Immunogen Information

### Gene ID

29914

### Swiss Prot

Q9Y5Z9

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human UBIAD1 (NP\_037451.1).

### Synonyms

SCCD; TERE1; UBIAD1

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

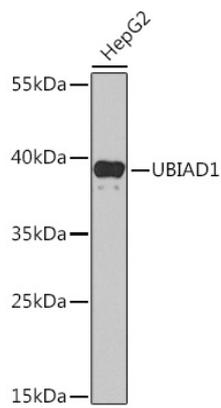
Affinity purification

### Storage

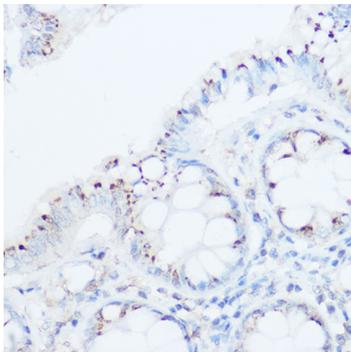
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

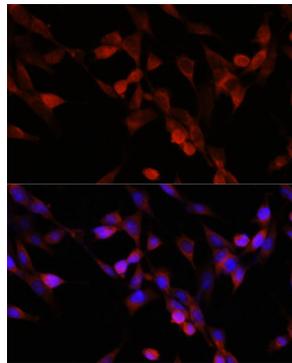
## Validation Data



Western blot analysis of extracts of HepG2 cells, using UBIAD1 Rabbit pAb (A14214) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded human colon using UBIAD1 Rabbit pAb (A14214) at dilution of 1:500 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of NIH/3T3 cells using UBIAD1 antibody (A14214) at dilution of 1:100. Blue: DAPI for nuclear staining.