

A14214

Leader in Biomolecular Solutions for Life Science



## UBIAD1 Rabbit pAb

Catalog No.: A14214

### Basic Information

**Observed MW**

37kDa

**Calculated MW**

37kDa

**Category**

Polyclonal Antibody

**Applications**

WB,IHC-P,IF/ICC,ELISA

**Cross-Reactivity**

Human,Mouse

### 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

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### 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

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

**Storage**

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

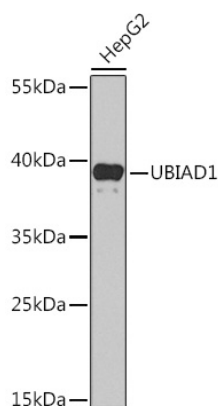
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

### Contact



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

## Validation Data



Western blot analysis of lysates from HepG2 cells, using UBIAD1 Rabbit pAb (A14214) at 1:1000 dilution.

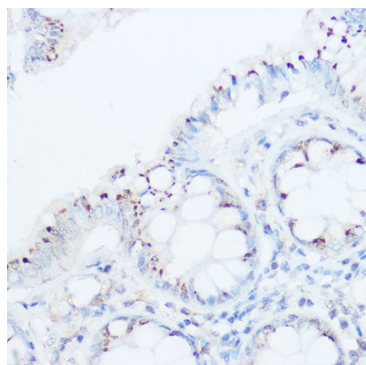
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

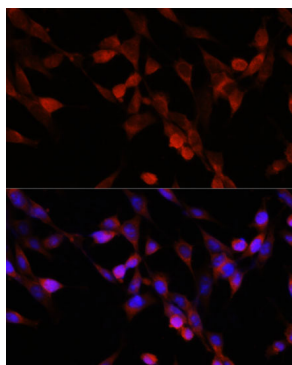
Blocking buffer: 3% nonfat dry milk in TBST.

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). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of NIH/3T3 cells using UBIAD1 Rabbit pAb (A14214) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.