

# ABHD14B Polyclonal antibody

Catalog Number: 20952-1-AP

## Basic Information

**Catalog Number:**

20952-1-AP

**Size:**

500 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG15097

**GenBank Accession Number:**

BC007234

**GeneID (NCBI):**

84836

**UNIPROT ID:**

Q96IU4

**Full Name:**

abhydrolase domain containing 14B

**Calculated MW:**

210 aa, 22 kDa

**Observed MW:**

22-25 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2400

IHC 1:20-1:200

IF 1:10-1:100

## Applications

**Tested Applications:**

IF/ICC, IHC, WB, ELISA

**Species Specificity:**

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB** : L02 cells, mouse small intestine tissue

**IHC** : human prostate hyperplasia tissue, human spleen tissue

**IF** : HepG2 cells,

## Background Information

### Storage

**Storage:**

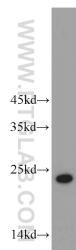
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

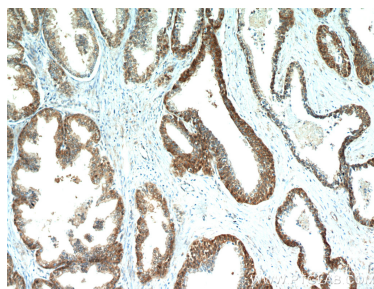
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

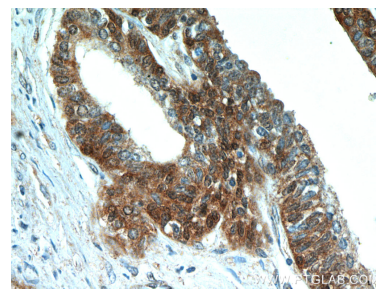
## Selected Validation Data



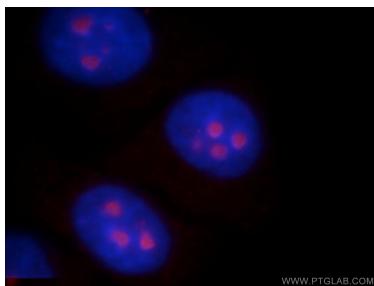
L02 cells were subjected to SDS PAGE followed by western blot with 20952-1-AP (ABHD14B antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia using 20952-1-AP (ABHD14B antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia using 20952-1-AP (ABHD14B antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using ABHD14B antibody 20952-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).