

For Research Use Only

# AKR1B1 Polyclonal antibody

Catalog Number: 15439-1-AP

Featured Product

9 Publications



## Basic Information

**Catalog Number:**

15439-1-AP

**Size:**

280 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG7142

**GenBank Accession Number:**

BC000260

**GeneID (NCBI):**

231

**UNIPROT ID:**

P15121

**Full Name:**

aldo-keto reductase family 1, member B1 (aldose reductase)

**Calculated MW:**

36 kDa

**Observed MW:**

34 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

IF 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, WB, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human, rat

**Cited Species:**

human, rat

**Positive Controls:**

WB: A431 cells, L02 cells, human liver tissue, BxPC-3 cells, HepG2 cells, human placenta tissue

IF: HepG2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoyu Zhou	32566101	Oxid Med Cell Longev	WB
Qi Huang	34020251	Biomed Pharmacother	WB
Yang Lu	27036204	BMC Nephrol	WB

## 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

For technical support and original validation data for this product please contact:

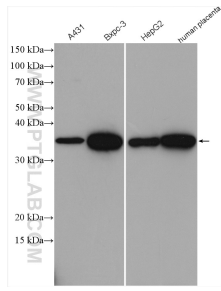
T: 4006900926

E: Proteintech-CN@ptglab.com

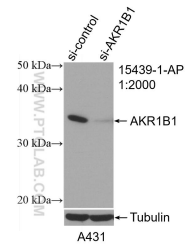
W: ptgcn.com

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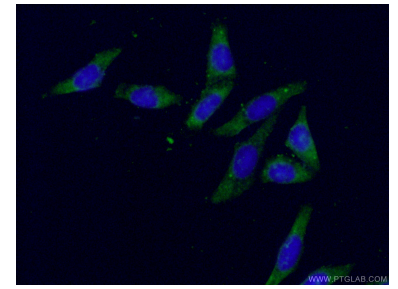
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15439-1-AP (AKR1B1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



WB result of AKR1B1 antibody (15439-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AKR1B1 transfected A431 cells.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 15439-1-AP (AKR1B1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).