

For Research Use Only

AKR1B1 Polyclonal antibody

Catalog Number: 15439-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number:

15439-1-AP

Concentration:

280 ug/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/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human, rat

Positive Controls:

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

IF/ICC : BxPC-3 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

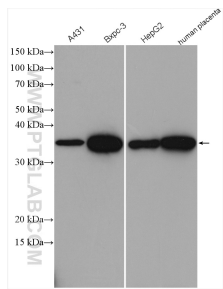
T: 4006900926

E: Proteintech-CN@ptglab.com

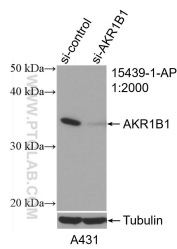
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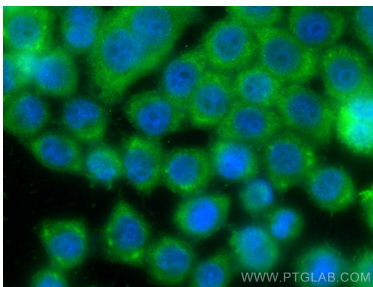
Selected Validation Data



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 BxPC-3 cells using AKR1B1 antibody (15439-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).