

AKR1B1 Antibody

Catalog No: #32385

Package Size: #32385-1 50ul #32385-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

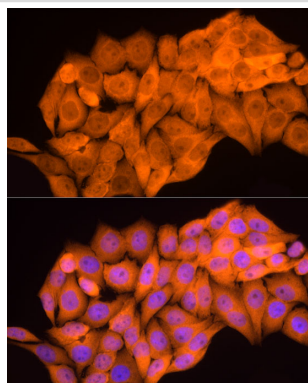
Description

Product Name	AKR1B1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total AKR1B1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human AKR1B1 (NP_001619.1).
Target Name	AKR1B1
Other Names	AKR1B1;ADR;ALDR1;ALR2;AR
Accession No.	Uniprot:P15121GenelD:231
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GenelD	231
SDS-PAGE MW	36KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

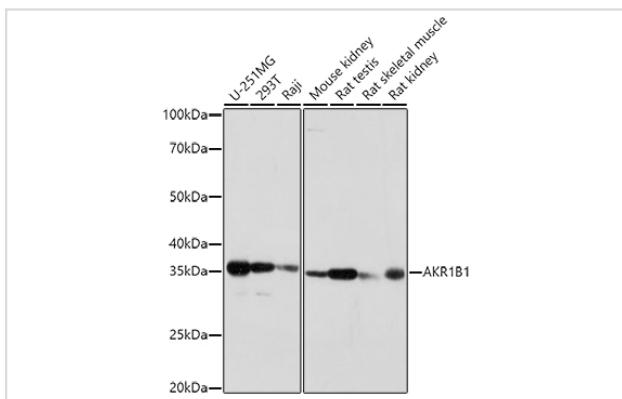
Application Details

WB \square 1:500 - 1:2000 IF \square 1:50 - 1:200

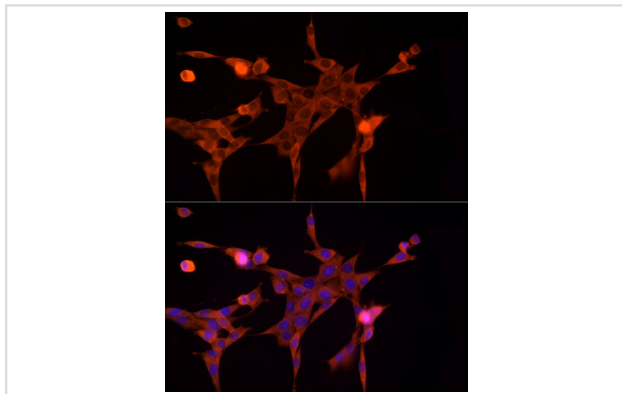
Images



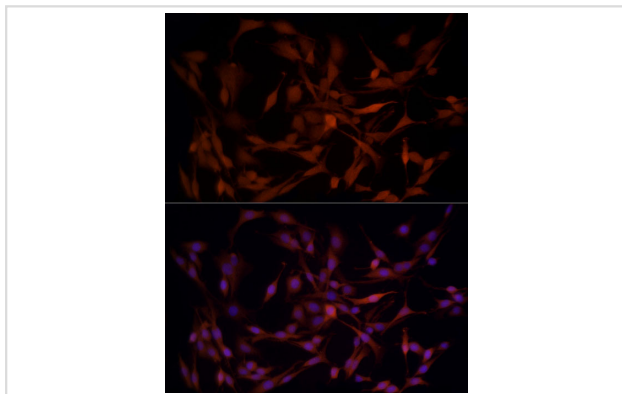
Immunofluorescence analysis of HeLa cells using AKR1B1 Rabbit pAb.



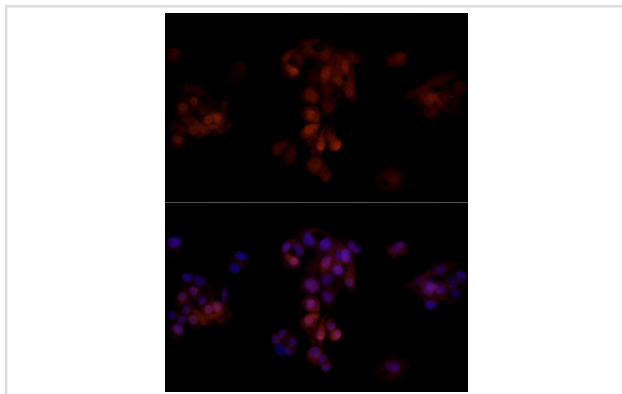
Western blot analysis of extracts of various cell lines, using AKR1B1 antibody.



Immunofluorescence analysis of NIH/3T3 cells using AKR1B1 Rabbit pAb.



Immunofluorescence analysis of PC-12 cells using AKR1B1 Rabbit pAb.



Immunofluorescence analysis of HepG2 cells using AKR1B1 Rabbit pAb.

Background

This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. This member catalyzes the reduction of a number of aldehydes, including the aldehyde form of glucose, and is thereby implicated in the development of diabetic complications by catalyzing the reduction of glucose to sorbitol. Multiple pseudogenes have been identified for this gene. The nomenclature system used by the HUGO Gene Nomenclature Committee to define human aldo-keto reductase family members is known to differ from that used by the Mouse Genome Informatics database.

Note: This product is for in vitro research use only