

Anti-AKR1B1 antibody



Catalog Number: 100579

Product name

Anti-AKR1B1 antibody

Immunogen

[Human AKR1B1 \(His Tag\) recombinant protein](#)

Specificity

Human AKR1B1

Antibody description

Rabbit polyclonal to AKR1B1

Preparation

Produced in rabbits immunized with purified, recombinant Human AKR1B1 (rh AKR1B1; P15121; Met1-Phe316). AKR1B1 specific IgG was purified by Human AKR1B1 affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IP

Dilutions

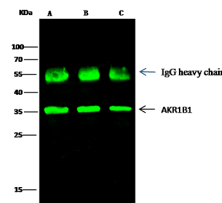
WB: 5-10 µg/mL

ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Human AKR1B1. The detection limit for Human AKR1B1 is approximately 0.00975 ng/well.

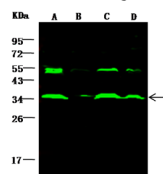
IP: 1-4 µg/mg of lysate

Validations



Items	Lanes	A	B	C
Sample (whole cell lysate)		Jurkat	HeLa	A431
Sample quantity		0.5 mg		
IP antibody quantity		2 µg		
Protein G agarose		15 µl of 50% Protein G Agarose		
Gel		13% SDS-PAGE reducing gel		
Primary antibody		AKR1B1 antibody at 5 µg/ml [Cat# 11294-RP02]		
Secondary antibody		Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.		

AKR1B1 Antibody, Rabbit PAb, Antigen Affinity



Items	Lanes	A	B	C	D
Sample (whole cell lysate)		HeLa	MCF-7	Jurkat	Z93T
Sample Volume (µg/lane)		30			
Gel		13% SDS-PAGE reducing gel			
Recommended Concentration		5-10 µg/ml			
Secondary Antibody		Dylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.			

Purified

AKR1B1 Antibody, Rabbit PAb, Antigen Affinity

Purified, Western blot