Datasheet for ABIN1537068

anti-AKR1E2 antibody (C-Term)

1 Image

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Overview

Quantity:	400 µL
Target:	AKR1E2
Binding Specificity:	AA 291-320, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1E2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This AKR1E2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 291-320 amino acids from the C-terminal region of human AKR1E2.
Clone:	RB30497
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	AKR1E2
Alternative Name:	AKR1E2 (AKR1E2 Products)

Target Details

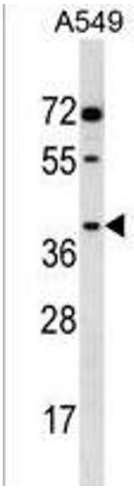
Background:	AKR1E2 catalyzes the NADPH-dependent reduction of 1,5-anhydro-D-fructose (AF) to 1,5-anhydro-D-glucitol. Can also catalyze the reduction of various aldehydes and quinones (By similarity). Has low NADPH-dependent reductase activity towards 9,10-phenanthrenequinone (in vitro).
Molecular Weight:	36589
Gene ID:	83592
NCBI Accession:	NP_001035267, NP_001257950, NP_001257954
UniProt:	Q96JD6

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	AKR1E2 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. AKR1E2 Antibody (C-term) (ABIN1537068 and ABIN2850161) western blot analysis in A549 cell line lysates (35 µg/lane).This demonstrates the AKR1E2 antibody detected the AKR1E2 protein (arrow).