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Datasheet for ABIN7009737 anti-AKR1A1 antibody

Image



Overview

Quantity:	60 µL
Target:	AKR1A1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human AKR1A1 (NP_006057.1).
lsotype:	lgG
Specificity:	This antibody ist KO validated.
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification
Grade:	KO Validated

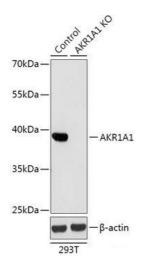
Target Details

Target:	AKR1A1
Alternative Name:	AKR1A1 (AKR1A1 Products)
Background:	This gene encodes a member of the aldo/keto reductase superfamily, which consists of more

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Target Details

	than 40 known enzymes and proteins. This member, also known as aldehyde reductase, is involved in the reduction of biogenic and xenobiotic aldehydes and is present in virtually every tissue. Multiple alternatively spliced transcript variants of this gene exist, all encoding the same protein.
Molecular Weight:	Observed_MW: 36 kDa Calculated_MW: 36 kDa
Gene ID:	10327
UniProt:	P14550
Pathways:	Monocarboxylic Acid Catabolic Process
Application Details	
Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts from normal (control) and AKR1A1 knockout (KO) 293T cells using AKR1A1 Polyclonal Antibody at dilution of 1:1000.

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