

Datasheet for ABIN3029900  
**anti-AKR1A1 antibody (AA 293-325)**[Go to Product page](#)

## 5 Images

## Overview

Quantity:	0.4 mL
Target:	AKR1A1
Binding Specificity:	AA 293-325
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	A portion of amino acids 293-325 from the human protein was used as the immunogen for this AKR1A1 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Bovine, Pig
Purification:	Purified

## Target Details

Target:	AKR1A1
Alternative Name:	AKR1A1 ( <a href="#">AKR1A1 Products</a> )
Background:	AKR1A1 is a member of the aldo/keto reductase superfamily, which consists of more than 40

## Target Details

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.

UniProt: [P14550](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

## Application Details

Application Notes: Titration of the AKR1A1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. IHC (Paraffin): 1:10-1:50,Western blot: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

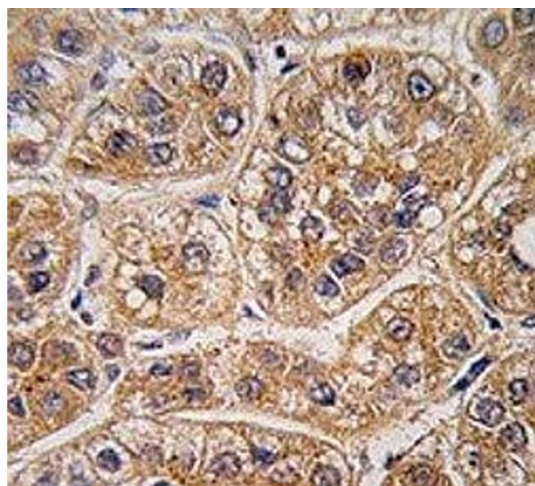
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

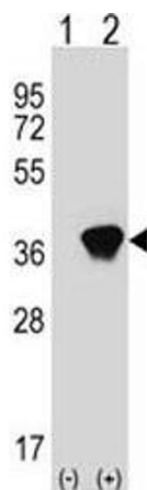
Storage Comment: Aliquot the AKR1A1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

## Images



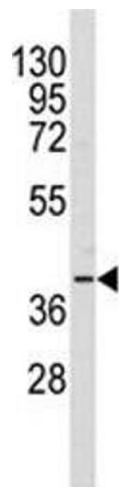
### Immunohistochemistry

**Image 1.** IHC analysis of FFPE human hepatocarcinoma tissue stained with AKR1A1 antibody



Western Blotting

**Image 2.** Western blot analysis of AKR1A1 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the AKR1A1 gene.



Western Blotting

**Image 3.** Western blot analysis of AKR1A1 antibody and Y79 lysate

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3029900.