

Datasheet for ABIN357879
anti-AKR1A1 antibody (C-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	AKR1A1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human AKR1A1.
Isotype:	Ig Fraction
Specificity:	This antibody detects AKR1A1 (C-term). Predicted to cross react with Mouse (100 % Antigen Homology).
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	AKR1A1
Alternative Name:	AKR1A1 / ALDR1 (AKR1A1 Products)

Target Details

Background:	AKR1A1 is a member of the aldo/keto reductase superfamily, which consists of more 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. Synonyms: ALR, Alcohol dehydrogenase [NADP+], Aldehyde reductase, Aldo-keto reductase family 1 member A1
Molecular Weight:	36573 Da
Gene ID:	10327
NCBI Accession:	NP_006057
UniProt:	P14550
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	ELISA: 1/1,000. Western Blot: 1/50-1/100 Immunohistochemistry: 1/10-1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

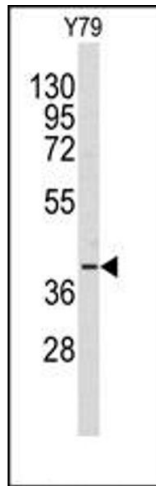


Image 1.

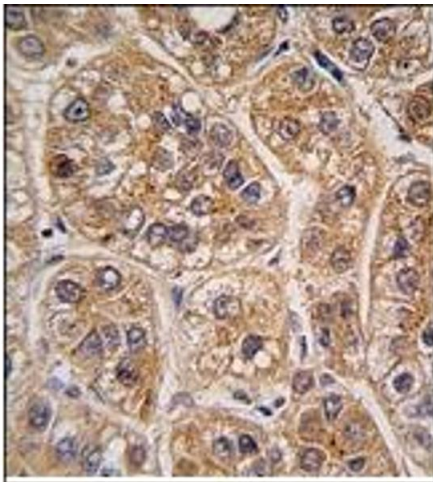


Image 2.