Datasheet for ABIN7299216

anti-AKR1C1 antibody (N-Term)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	AKR1C1 (DDH)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1C1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human AKR1C1.
Specificity:	Recognizes endogenous levels of AKR1C1 protein.
Characteristics:	Rabbit polyclonal antibody to AKR1C1
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	AKR1C1 (DDH)
Alternative Name:	AKR1C1 (DDH Products)
Background:	DDH, DDH1, Aldo-keto reductase family 1 member C1, 20-alpha-hydroxysteroid dehydrogenase,

Target Details

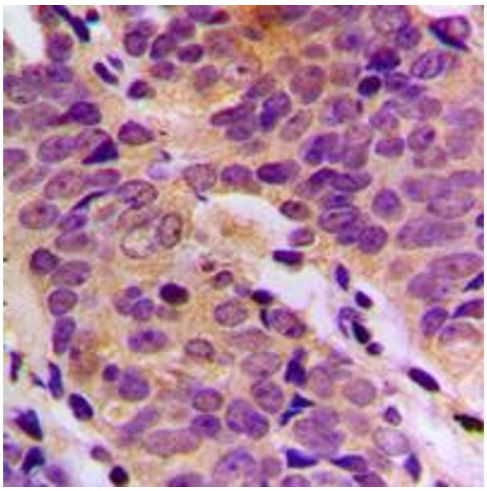
	20-alpha-HSD, Chlordecone reductase homolog HAKRC, Dihydrodiol dehydrogenase 1/2, DD1/DD2, High-affinity hepatic bile acid-binding protein, HBAB, Indanol dehydrogenase, Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase
Gene ID:	1645
UniProt:	Q04828
Pathways:	Steroid Hormone Biosynthesis, C21-Steroid Hormone Metabolic Process

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

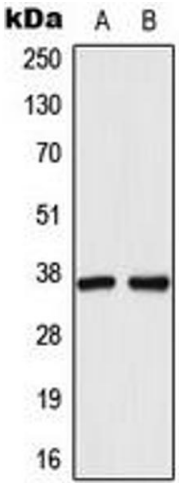
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemical analysis of AKR1C1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of AKR1C1 expression in HeLa (A), HepG2 (B) whole cell lysates.

