

Datasheet for ABIN7143686
anti-AKR1C1 antibody (AA 219-323)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	AKR1C1 (DDH)
Binding Specificity:	AA 219-323
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1C1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Aldo-keto reductase family 1 member C1 protein (219-323AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	AKR1C1 (DDH)
Alternative Name:	AKR1C1 (DDH Products)
Background:	Background: Converts progesterone to its inactive form, 20-alpha-dihydroxyprogesterone (20-alpha-OHP). In the liver and intestine, may have a role in the transport of bile. May have a role in

Target Details

monitoring the intrahepatic bile acid concentration. Has a low bile-binding ability. May play a role in myelin formation.

Aliases: 2-dihydrobenzene-1 antibody, 2-diol dehydrogenase antibody, 20 alpha (3 alpha) hydroxysteroid dehydrogenase antibody, 20 ALPHA HSD antibody, 20 alpha hydroxysteroid dehydrogenase antibody, 20-alpha-HSD antibody, 20-alpha-hydroxysteroid dehydrogenase antibody, 20ALPHAHSD antibody, 2ALPHAHSD antibody, AK1C1 antibody, AK1C1_HUMAN antibody, AKR1C1 antibody, Aldo keto reductase family 1 member C1 antibody, aldo-keto reductase C antibody, Aldo-keto reductase family 1 member C1 antibody, Aldo-keto reductase family, 1 member 1 antibody, C9 antibody, Chlordecone reductase homolog antibody, Chlordecone reductase homolog HAKRC antibody, DD1 antibody, DD1/DD2 antibody, DDH antibody, DDH1 antibody, Dihydrodiol dehydrogenase 1 antibody, Dihydrodiol dehydrogenase 1/2 antibody, dihydrodiol dehydrogenase 1, 20-alpha (3-alpha)-hydroxysteroid dehydrogenase antibody, dihydrodiol dehydrogenase isoform DD1 antibody, Dihydrodiol dehydrogenase, type 1 antibody, H37 antibody, HAKRC antibody, HBAB antibody, Hepatic dihydrodiol dehydrogenase antibody, High affinity hepatic bile acid-binding protein antibody, High-affinity hepatic bile acid-binding protein antibody, Indanol dehydrogenase antibody, MBAB antibody, MGC8954 antibody, Trans-1 antibody, Trans-1,2 dihydrobenzene 1,2 diol dehydrogenase antibody, Type II 3 alpha hydroxysteroid dehydrogenase antibody

UniProt: [Q04828](#)

Pathways: [Steroid Hormone Biosynthesis](#), [C21-Steroid Hormone Metabolic Process](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

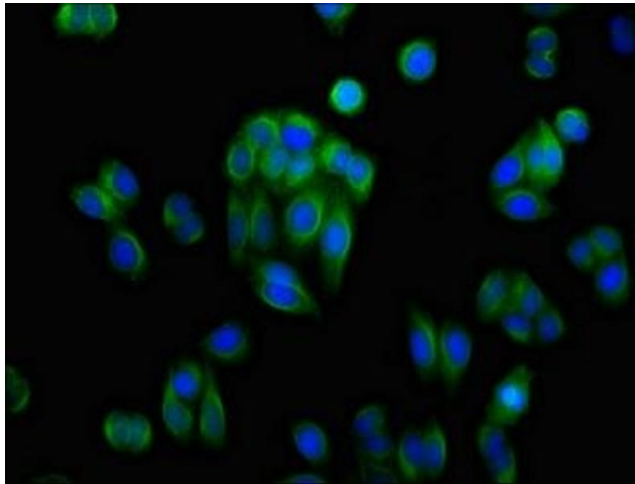
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7143686 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).