

Datasheet for ABIN7143690
anti-AKR1C2 antibody (AA 1-323)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	AKR1C2
Binding Specificity:	AA 1-323
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1C2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Aldo-keto reductase family 1 member C2 protein (1-323AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	AKR1C2
Alternative Name:	AKR1C2 (AKR1C2 Products)
Background:	Background: Works in concert with the 5-alpha/5-beta-steroid reductases to convert steroid hormones into the 3-alpha/5-alpha and 3-alpha/5-beta-tetrahydrosteroids. Catalyzes the

Target Details

inactivation of the most potent androgen 5-alpha-dihydrotestosterone (5-alpha-DHT) to 5-alpha-androstane-3-alpha,17-beta-diol (3-alpha-diol). Has a high bile-binding ability.

Aliases: 2-dihydrobenzene-1 antibody, 2-diol dehydrogenase antibody, 3 alpha HSD3 antibody, 3 alpha hydroxysteroid dehydrogenase type III antibody, 3-alpha-HSD3 antibody, AK1C2_HUMAN antibody, AKR1C pseudo antibody, AKR1C2 antibody, Aldo keto reductase family 1 member C2 antibody, Aldo-keto reductase family 1 member C2 antibody, BABP antibody, Bile acid binding protein antibody, Chlordecone reductase homolog antibody, Chlordecone reductase homolog HAKRD antibody, DD antibody, DD-2 antibody, DD/BABP antibody, DD2 antibody, DDH 2 antibody, DDH2 antibody, Dihydrodiol dehydrogenase 2 antibody, Dihydrodiol dehydrogenase/bile acid binding protein antibody, Dihydrodiol dehydrogenase/bile acid-binding protein antibody, FLJ53800 antibody, HAKRD antibody, HBAB antibody, MCDR 2 antibody, MCDR2 antibody, OTTHUMP00000044759 antibody, Pseudo chlordecone reductase antibody, SRXY8 antibody, Trans 1 2 dihydrobenzene 1 2 diol dehydrogenase antibody, Trans-1 antibody, Type II dihydrodiol dehydrogenase antibody, Type III 3 alpha hydroxysteroid dehydrogenase antibody, Type III 3-alpha-hydroxysteroid dehydrogenase antibody

UniProt: [P52895](#)

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

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000,

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.

Storage: -20 °C,-80 °C

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



Western Blotting

Image 1. Western blot All lanes: AKR1C2 antibody at 14 μ g/mL Lane 1: HepG2 whole cell lysate Lane 2: MCF-7 whole cell lysate Lane 3: Hela whole cell lysate Lane 4: Rat liver tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 37, 16 kDa Observed band size: 37 kDa