Datasheet for ABIN7143695

anti-AKR1C4 antibody (AA 1-323)

1 Image

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Overview

Quantity:	100 µL
Target:	AKR1C4
Binding Specificity:	AA 1-323
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1C4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Aldo-keto reductase family 1 member C4 protein (1-323AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	AKR1C4
Alternative Name:	AKR1C4 (AKR1C4 Products)
Background:	Background: Catalyzes the transformation of the potent androgen dihydrotestosterone (DHT) into the less active form, 5-alpha-androstan-3-alpha,17-beta-diol (3-alpha-diol). Also has some

Target Details

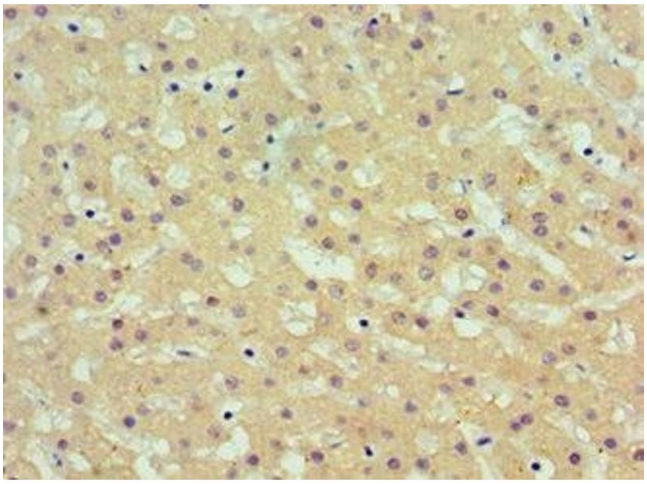
	20-alpha-hydroxysteroid dehydrogenase activity. The biotransformation of the pesticide chlordecone (kepone) to its corresponding alcohol leads to increased biliary excretion of the pesticide and concomitant reduction of its neurotoxicity since bile is the major excretory route. Aliases: 3 alpha HSD1 antibody, 3-alpha-HSD1 antibody, 3-alpha-hydroxysteroid dehydrogenase type I antibody, AK1C4_HUMAN antibody, AKR1C4 antibody, Aldo keto reductase family 1 member C4 antibody, Aldo-keto reductase family 1 member C4 antibody, CDR antibody, Chlordecone reductase antibody, DD-4 antibody, DD4 antibody, Dihydrodiol dehydrogenase 4 antibody, HAKRA antibody, HSD3a antibody
UniProt:	P17516
Pathways:	Steroid Hormone Biosynthesis

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7143695 at dilution of 1:100