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Datasheet for ABIN7111464 **anti-AKR1C4 antibody**

Overview

Quantity:	100 µg
Target:	AKR1C4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKR1C4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	aldo-keto reductase family 1, member C4(chlordecone reductase, 3-alpha hydroxysteroid dehydrogenase, type I, dihydrodiol dehydrogenase 4)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	AKR1C4
Alternative Name:	AKR1C4 (AKR1C4 Products)
Background:	Synonyms:AKR1C4, HAKRA, CHDR, 3 alpha HSD1, Chlordecone reductase 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.
Molecular Weight:	37 kDa
Gene ID:	1109
UniProt:	P17516
Pathways:	Steroid Hormone Biosynthesis

Application Details

Application Notes:	WB: 1:1000-1:10000, IF: 1:10-1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 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
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months