

AKR1C4 antibody

Product Information

Catalog No.:	FNab00263
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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 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.

Immunogen information

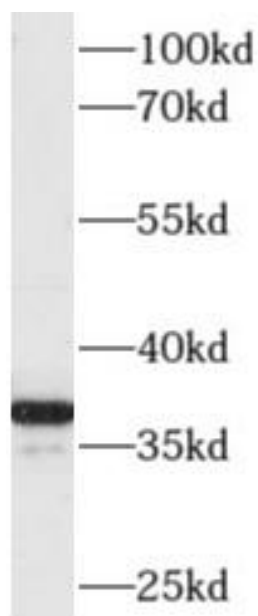
Immunogen:	aldo-keto reductase family 1, member C4(chlordecone reductase; 3-alpha hydroxysteroid dehydrogenase, type I; dihydrodiol dehydrogenase 4)
Synonyms:	Aldo-keto reductase family 1 member C4 3-alpha-hydroxysteroid dehydrogenase type I (3-alpha-HSD1) 3alpha-hydroxysteroid 3-dehydrogenase Chlordecone reductase (CDR) Dihydrodiol dehydrogenase 4 (DD-4, DD4) HAKRA AKR1C4 CHDR
Observed MW:	37 kDa
Uniprot ID :	P17516

Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IF

Recommended dilution: WB: 1:1000-1:10000; IF: 1:10-1:100

Image:



MCF7 cells were subjected to SDS PAGE followed by western blot with FNab00263(AKR1C4 antibody) at dilution of 1:500