SUPPLEMENTARY DATA

Table S1

Purification of mutant AKR1D1 from E.coli.

Enzyme	Final protein (mg)	Specific activity (nmol min ⁻¹ mg ⁻¹)	Yield (%)
AKR1D1	5.7	81	56
AKR1D1-L106F*	3.3	0.05	7
AKR1D1-P133R	1.5	24.4	16
AKR1D1-P198L	0.4	ND	0
AKR1D1-R261C	0.5	ND	0

* SDS-PAGE analysis indicated only about 10% purity ND – not detected

Figure S1: Monospecificity of polyclonal anti-AKR1D1 antibody

Background detection of AKR1C isoforms could be strongly reduced following purification of the AKR1D1 antibody ("cleaned") compared to untreated antiserum ("serum"). The pre-cleaned antibody displayed at least 20 times, but in most cases much higher specificity towards AKR1D1 than to other human AKR isoforms.

Figure S1

