

Anti-AK1C4 antibody



Description	Unconjugated Rabbit polyclonal to AK1C4
Model	STJ190533
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human AK1C4 protein.
Immunogen Region	1-80aa
Gene ID	1109
Gene Symbol	AKR1C4
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	AK1C4 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Liver specific.
Purification	AK1C4 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Aldo-keto reductase family 1 member C4 3-alpha-HSD1 3-alpha-hydroxysteroid dehydrogenase type I Chlordecone reductase CDR Dihydrodiol dehydrogenase 4 DD-4 DD4 HAKRA
Molecular Weight	35 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:3870MIM:600451
Alternative Names	Aldo-keto reductase family 1 member C4 3-alpha-HSD1 3-alpha-hydroxysteroid dehydrogenase type I Chlordecone reductase CDR Dihydrodiol dehydrogenase 4 DD-4 DD4 HAKRA
Function	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.
Cellular Localization	Cytoplasm.
Post-translational Modifications	The N-terminus is blocked.