AKR1C4 Antibody

PACO43423

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000, IHC:1:20-1:200

Protein 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.

Gene ID:

AKR1C4

Uniprot

P17516

Synonyms:

Aldo-keto reductase family 1 member C4 (EC 1.1.1. -) (3-alpha-HSD1) (3-alpha-hydroxysteroid dehydrogenase type I) (EC 1.1.1.357) (Chlordecone reductase) (CDR) (EC 1.1.1.225) (Dihydrodiol dehydrogenase 4) (DD-4) (DD4) (HAKRA), AKR1C4, CHDR

Immunogen:

Recombinant Human Aldo-keto reductase family 1 member C4 protein (1-323AA).

Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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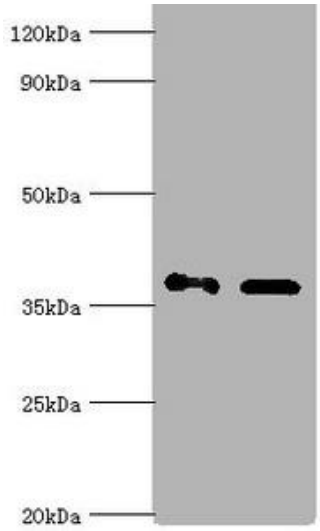
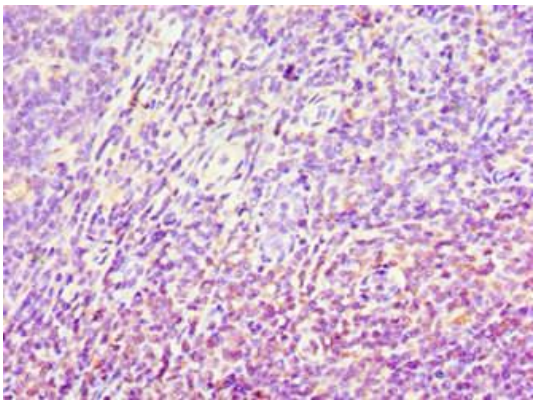
Product Images



Western blot. All lanes: Aldo-keto reductase family 1 member C4 antibody at 7µg/ml. Lane 1: Hela whole cell lysate. Lane 2: HepG 2 whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 37 kDa. Observed band size: 37 kDa.



Immunohistochemistry of paraffin-embedded human tonsil tissue using PACO43423 at dilution of 1:100.

