

AKR1C2 Polyclonal antibody

Catalog Number: 19769-1-AP

Basic Information

Catalog Number:

19769-1-AP

Size:

N/A

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_205845

GeneID (NCBI):

1646

UNIPROT ID:

P52895

Full Name:

aldo-keto reductase family 1, member C2 (dihydrodiol dehydrogenase 2; bile acid binding protein; 3-alpha hydroxysteroid dehydrogenase, type III)

Calculated MW:

37 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

AKR1C2, also named as DDH2, AKR1C-pseudo, BABP, DD, DD2, DDH2, HAKRD, HBAB and MCDR2, belongs to the aldo/keto reductase family. AKR1C2 works in concert with the 5-alpha/5-beta-steroid reductases to convert steroid hormones into the 3-alpha/5-alpha and 3-alpha/5-beta-tetrahydrosteroids. AKR1C2 catalyzes the inactivation of the most potent androgen 5-alpha-dihydrotestosterone (5-alpha-DHT) to 5-alpha-androstane-3-alpha,17-beta-diol (3-alpha-diol). Has a high bile-binding ability. The antibody can recognize AKR1C2 and AKR1C1. The antibody has no cross reaction to AKR1C3 and AKR1C4.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

