

For Research Use Only

# AKR1C2 Polyclonal antibody

Catalog Number: 19769-1-AP



## Basic Information

<b>Catalog Number:</b> 19769-1-AP	<b>GenBank Accession Number:</b> NM_205845	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul	<b>GeneID (NCBI):</b> 1646	
<b>Source:</b> Rabbit	<b>Full Name:</b> aldo-keto reductase family 1, member C2 (dihydrodiol dehydrogenase 2; bile acid binding protein; 3-alpha hydroxysteroid dehydrogenase, type III)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 37 kDa	

## 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

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data