

For Research Use Only

AKR1C3 Recombinant antibody

Catalog Number: 84872-5-RR



Basic Information

Catalog Number:

84872-5-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1674

GenBank Accession Number:

BC019230

GeneID (NCBI):

8644

UNIPROT ID:

P42330

Full Name:

aldo-keto reductase family 1,
member C3 (3-alpha hydroxysteroid
dehydrogenase, type II)

Calculated MW:

323 aa, 37 kDa

Observed MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

242222A11

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : K-562 cells, A549 cells, HepG2 cells, mouse
kidney tissue, rat kidney tissue

Background Information

AKR1C3 (Aldo-keto reductase family 1 member C3) is also named as DDH1, HSD17B5, KIAA0119, PGFS and belongs to AKR1C family. In humans, at least four AKR1C isoforms exist: AKR1C1, AKR1C2, AKR1C3, AKR1C4 and AKR1C3 shares >86% sequence identity with these three highly related human AKRs (PMID:18574251). It catalyzes the conversion of aldehydes and ketones to alcohols and androgen, estrogen, PG, xenobiotics metabolism.

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

For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84872-5-RR (AKR1C3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.