

For Research Use Only

AKR1C3 Recombinant antibody

Catalog Number: 84872-5-RR



Basic Information

Catalog Number: 84872-5-RR	GenBank Accession Number: BC019230	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 8644	CloneNo.: 242222A11
Source: Rabbit	UNIPROT ID: P42330	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II)	
Immunogen Catalog Number: AG1674	Calculated MW: 323 aa, 37 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, A549 cells, HepG2 cells, mouse kidney tissue, rat kidney tissue
Species Specificity: human, mouse, rat	

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

*** 20ul sizes contain 0.1% BSA

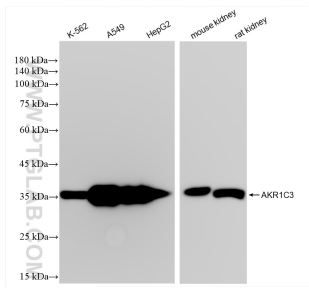
For technical support and original validation data for this product please contact:

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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.