

**Product Name: AKR1C3 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe84276**



## Summary

<b>Production Name</b>	AKR1C3 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP,ICC,FC
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide, 0.05% BSA and 50% glycerol.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	AKR1C3
<b>Alternative Names</b>	DD3; DDX; HA1753; HAKRB; HAKRe; HSD17B5; KIAA0119; hluPGFS;;AKR1C3
<b>Gene ID</b>	
<b>SwissProt ID</b>	P42330.A synthesized peptide derived from human AKR1C3

## Application

<b>Dilution Ratio</b>	WB:1:1000-1:2000,IP:1:20-1:50,ICC:1:50-1:200,FC:1:20-1:100
<b>Molecular Weight</b>	37 kDa

## Background

Cytosolic aldo-keto reductase that catalyzes the NADH and NADPH-dependent reduction of ketosteroids to

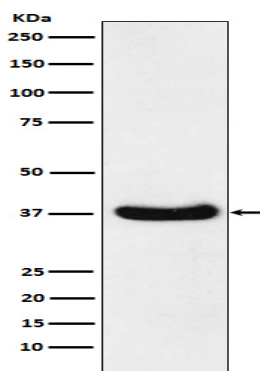
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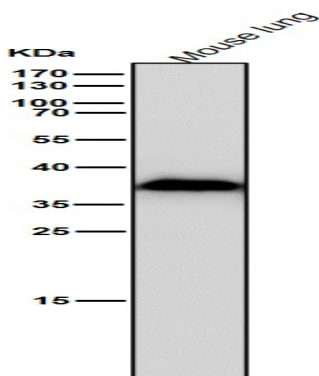
hydroxysteroids. Acts as a NAD(P)(H)-dependent 3-, 17- and 20-ketosteroid reductase on the steroid nucleus and side chain and regulates the metabolism of androgens, estrogens and progesterone.

## Research Area

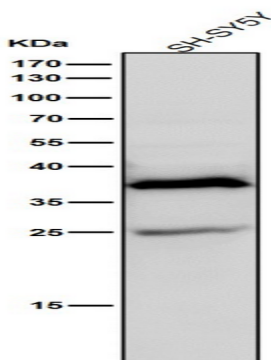
## Image Data



Western blot analysis of AKR1C3 expression in A549 cell lysate.

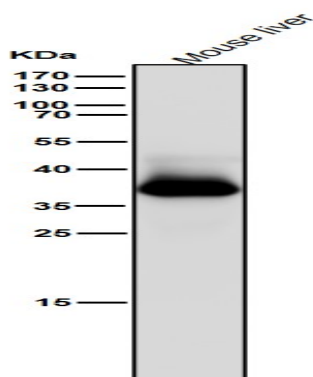


All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

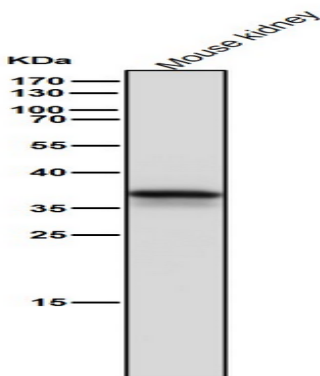


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## Note

For research use only.