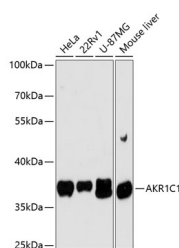


## AKR1C1 Polyclonal Antibody

<b>Catalog No.</b>	E-AB-64412	<b>Reactivity</b>	H,M
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Western blot analysis of extracts of various cell lines using AKR1C1 Polyclonal Antibody at dilution of 1:3000.

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein of human AKR1C1 (NP_001344.2).
<b>GeneID</b>	1645
<b>Swissprot</b>	Q04828
<b>Synonyms</b>	AKR1C1,2-ALPHA-HSD,20-ALPHA-HSD,C9,DD1,DD1/DD2,DDH,DDH1,H-37,HAKRC,HBAB,MBAB

### Product Information

<b>Calculated MW</b>	36kDa
<b>Observed MW</b>	38kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:1000-1:3000

### Background

This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. These enzymes catalyze the conversion of aldehydes and ketones to their corresponding alcohols by utilizing NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme catalyzes the reaction of progesterone to the inactive form 20-alpha-hydroxy-progesterone. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14.

#### For Research Use Only

Thank you for your recent purchase.  
 If you would like to learn more about antibodies, please visit [www.elabscience.com](http://www.elabscience.com).

**Focus on your research  
 Service for life science**

Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.