

## AKR1C2

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**37kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human AKR1C2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

AKR1C2;AKR1C-pseudo;BABP;DD;DD2;DDH2;HAKRD;HBAB;MCDR2 ;

**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 using NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme binds bile acid with high affinity, and shows minimal 3-alpha-hydroxysteroid dehydrogenase activity. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

**To place an order, please [Click HERE](#).**

**Catalog #:**A1048

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**1646

**Isotype:**IgG

**Swiss Prot:**P52895

**Purity:**Affinity purification

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