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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 ;

Catalog #:A1048

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:1646

Isotype: IgG

Swiss Prot:P52895

Purity: Affinity purification

For research use only.

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]

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