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AKR1C2 Rabbit pAb

货号: **AYP14218**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens
应用	WB IHC IF/ICC
推荐浓度	WB: 1:1000 - 1:5000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:100
理论分子量	15kDa/36kDa
实测分子量	37KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse kidney,Rat kidney
细胞定位	Cytoplasm
纯化	Affinity purification

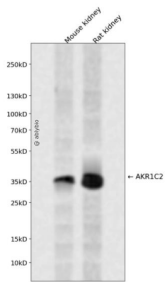
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-323 of human AKR1C2 (NP_995317.1).
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靶点信息

研究背景	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.
基因ID	1646
基因名	AKR1C2
Swiss	P52895 (https://www.uniprot.org/uniprotkb/P52895/entry)
别名	AKR1C2,AKR1C-pseudo,BABP,DD,DD-2,DD/BABP,DD2,DDH2,HAKRD,HBAB,MCDR2,SRXY8,TDD,AKR1C2 Rabbit pAb,Chlordecone reductase homolog HAKRD,Dihydrodiol dehydrogenase 2,Dihydrodiol dehydrogenase/bile acid-binding protein,Type III 3-alpha-hydroxysteroid dehydrogenase

产品验证



Western blot analysis of AKR1C2 expressed in Mouse kidney,Rat kidney using AKR1C2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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