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# AKR1C4 Rabbit pAb

货号: **AYP13315**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Cervus nippon
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:2000
理论分子量	37kDa
实测分子量	37kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-549,SW620,Mouse liver,Mouse lung,Rat liver
细胞定位	Cytoplasm
纯化	Affinity purification

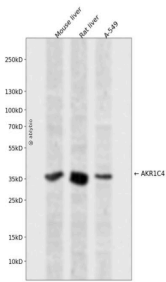
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-323 of human AKR1C4 (NP_001809.3).
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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 by utilizing NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme catalyzes the bioreduction of chlordecone, a toxic organochlorine pesticide, to chlordecone alcohol in liver. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14.
基因ID	1109
基因名	AKR1C4
Swiss	P17516 ( <a href="https://www.uniprot.org/uniprotkb/P17516/entry">https://www.uniprot.org/uniprotkb/P17516/entry</a> )
别名	AKR1C4,3-alpha-HSD,C11,CDR,CHDR,DD-4,DD4,HAKRA,AKR1C4 Rabbit pAb,3-alpha-hydroxysteroid 3-dehydrogenase type I,Chlordecone reductase,Dihydrodiol dehydrogenase 4

## 产品验证



Western blot analysis of AKR1C4 expressed in Mouse liver,Rat liver,A-549 using AKR1C4 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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