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AKR1C3 Rabbit pAb

货号: **AYP12179**

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: HepG2 , Homo sapiens
应用	WB IF/ICC IP
推荐浓度	WB: 1:500 - 1:1000 IF/ICC: 1:50 - 1:200 IP: 1:50 - 1:100
理论分子量	23kDa/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 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,HepG2,A-549,THP-1(low expression control)
细胞定位	Cytoplasm
纯化	Affinity purification

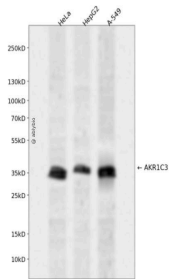
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-323 of human AKR1C3 (NP_003730.4).
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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 reduction of prostaglandin (PG) D2, PGH2 and phenanthrenequinone (PQ), and the oxidation of 9alpha,11beta-PGF2 to PGD2. It may play an important role in the pathogenesis of allergic diseases such as asthma, and may also have a role in controlling cell growth and/or differentiation. 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 different isoforms have been found for this gene.
基因ID	8644
基因名	AKR1C3
Swiss	P42330 (https://www.uniprot.org/uniprotkb/P42330/entry)
别名	AKR1C3,DD3,DDX,HA1753,HAKRB,HAKRe,HSD17B5,PGFS,hluPGFS,AKR1C3 Rabbit pAb,17-beta-hydroxysteroid dehydrogenase type 5,3-alpha-HSD type II,brain,3-alpha-hydroxysteroid dehydrogenase type 2,Chlordecone reductase homolog HAKRb,Dihydrodiol dehydrogenase 3,Dihydrodiol dehydrogenase type I

产品验证



Western blot analysis of AKR1C3 expressed in HeLa, HepG2, A-549 using AKR1C3 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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