

AKR1C3 Rabbit pAb

货号: B12179

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

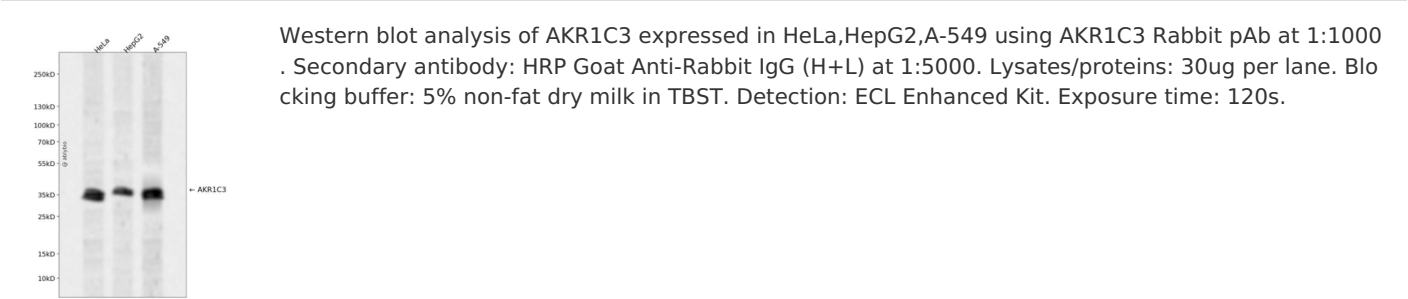
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-323 of human AKR1C3 (NP_003730.4).
序列	MDSKHQCVKLN D GHFMPVLGFGTYAPPEVPRSKALEVTKLAIEAGFRHIDSAHLYNNEEQVGLAIRSKIADGSVKREDIFYT SKLWSTFHRPELV R PALENSLKKAQLDYVDLYLIHSPMSLKPGEELSPTDENGKVIFDIVDLCTTWEAMEKCKDAGLAKSIG VSNFNRRQLEMILNK P GLKYK P VCNQVECHPYFNRSKLLDFCKSKDIVLVAYSALGSQRDKRWVDPNSPVLLED P VLCALA KKHKRTPALIALRYQLQ R GVVVLAKSYNEQRIRQNVQVFEFQLTAEDMKAIDGLDRNLHYFNSDSFASHPNYPYSDEY

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
别名	AKR1C3;DD3;DDX;HA1753;HAKRB;HAKRe;HSD17B5;PGFS;hluPGFS

产品验证



实验步骤

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