

产品名称: AKR1CL2 Rabbit Polyclonal Antibody
产品货号: AP Rab06736



产品概述 (Summary)

产品名称 (Production Name)	AKR1CL2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	AKR1E2 AKR1E2; AKR1CL2; AKRDC1; 1; 5-anhydro-D-fructose reductase; AF reductase;
别名 (Alternative Names)	Aldo-keto reductase family 1 member C-like protein 2; Aldo-keto reductase family 1 member E2; LoopADR; Testis-specific protein; hTSP
基因 ID (Gene ID)	83592.0
蛋白 ID (SwissProt ID)	Q96JD6.The antiserum was produced against synthesized peptide derived from human AKR1CL2. AA range:141-190

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	37kDa

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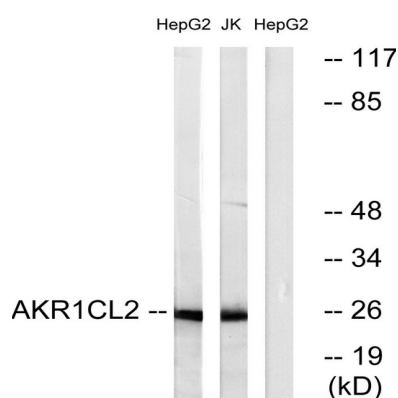


研究背景 (Background)

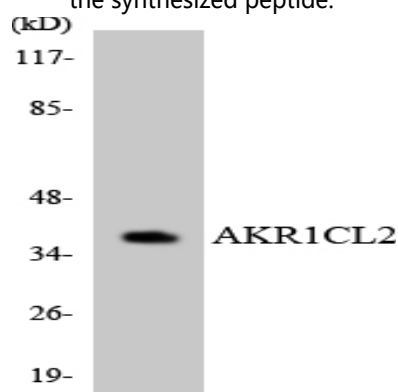
The protein encoded by this gene is a member of the aldo-keto reductase superfamily. Members in this family are characterized by their structure (evolutionarily highly conserved TIM barrel) and function (NAD(P)H-dependent oxidation-reduction of carbonyl groups). Transcripts of this gene have been reported in specimens of human testis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012], catalytic activity: 1,5-anhydro-D-glucitol + NADP(+) = 1,5-anhydro-D-fructose + NADPH, function: Catalyzes the NADPH-dependent reduction of 1,5-anhydro-D-fructose (AF) to 1,5-anhydro-D-glucitol. Can also catalyze the reduction of various aldehydes and quinones, similarity: Belongs to the aldo/keto reductase family, tissue specificity: Testis-specific,

研究领域 (Research Area)

图片 (Image Data)

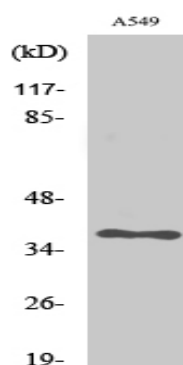


Western blot analysis of lysates from HepG2 and Jurkat cells, using AKR1CL2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using AKR1CL2 antibody.

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Western Blot analysis of various cells using AKR1CL2 Polyclonal Antibody diluted at 1: 500

注意事项 (Note)

For research use only .