

产品名称: ARALAR Rabbit Polyclonal Antibody
产品货号: APRab07093



产品概述 (Summary)

产品名称 (Production Name)	ARALAR 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)	SLC25A12
别名 (Alternative Names)	SLC25A12; ARALAR1; Calcium-binding mitochondrial carrier protein Aralar1; Mitochondrial aspartate glutamate carrier 1; Solute carrier family 25 member 12
基因 ID (Gene ID)	8604.0
蛋白 ID (SwissProt ID)	O75746.The antiserum was produced against synthesized peptide derived from human CMC1. AA range:391-440

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 1:10000-1:20000
蛋白分子量 (Molecular Weight)	75kDa

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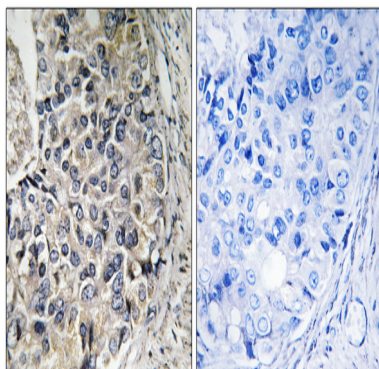
研究背景 (Background)

This gene encodes a calcium-binding mitochondrial carrier protein. The encoded protein localizes to the mitochondria and is involved in the exchange of aspartate for glutamate across the inner mitochondrial membrane. Polymorphisms in this gene may be associated with autism, and mutations in this gene may also be a cause of global cerebral hypomyelination. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Apr 2012],function:Calcium-dependent mitochondrial aspartate and glutamate carrier. May have a function in the urea cycle.,miscellaneous:Binds calcium.,similarity:Belongs to the mitochondrial carrier family.,similarity:Contains 3 Solcar repeats.,similarity:Contains 4 EF-hand domains.,tissue specificity:High levels in heart and skeletal muscle, low in brain and very low in kidney.,

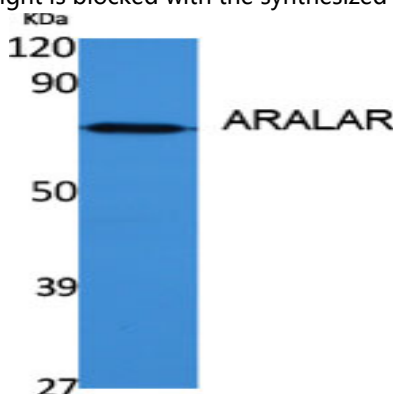
研究领域 (Research Area)

Neuroscience

图片 (Image Data)

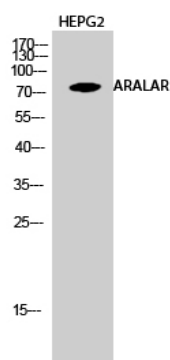


Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma tissue, using CMC1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using ARALAR Polyclonal Antibody diluted at 1: 1000

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Western Blot analysis of HEPG2 cells using ARALAR Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .