

产品名称: Aldolase C Rabbit Polyclonal Antibody
产品货号: APRab06770



产品概述 (Summary)

产品名称 (Production Name)	Aldolase C 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,Mouse,Rat

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)	ALDOC
别名 (Alternative Names)	ALDOC; ALDC; Fructose-bisphosphate aldolase C; Brain-type aldolase
基因 ID (Gene ID)	230.0
蛋白 ID (SwissProt ID)	P09972.The antiserum was produced against synthesized peptide derived from the N-terminal region of human ALDOC. AA range:21-70

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)	39kDa

研究背景 (Background)

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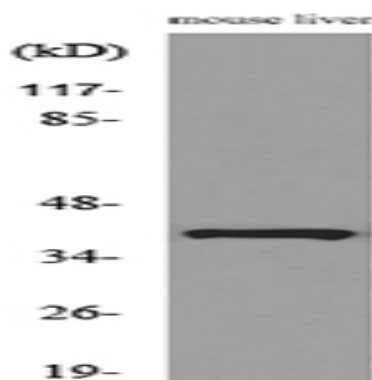


This gene encodes a member of the class I fructose-biphosphate aldolase gene family. Expressed specifically in the hippocampus and Purkinje cells of the brain, the encoded protein is a glycolytic enzyme that catalyzes the reversible aldol cleavage of fructose-1,6-biphosphate and fructose 1-phosphate to dihydroxyacetone phosphate and either glyceraldehyde-3-phosphate or glyceraldehyde, respectively. [provided by RefSeq, Jul 2008], catalytic activity: D-fructose 1,6-bisphosphate = glycerone phosphate + D-glyceraldehyde 3-phosphate., miscellaneous: In vertebrates, three forms of this ubiquitous glycolytic enzyme are found, aldolase A in muscle, aldolase B in liver and aldolase C in brain., pathway: Carbohydrate degradation; glycolysis; D-glyceraldehyde 3-phosphate and glycerone phosphate from D-glucose: step 4/4., similarity: Belongs to the class I fructose-bisphosphate aldolase family., subunit: Homotetramer.,

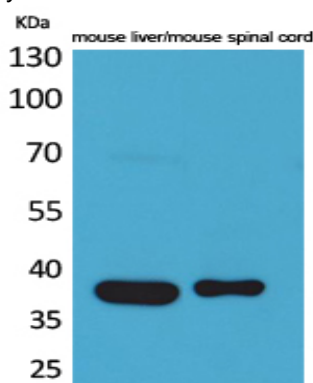
研究领域 (Research Area)

Glycolysis / Gluconeogenesis; Pentose phosphate pathway; Fructose and mannose metabolism;

图片 (Image Data)

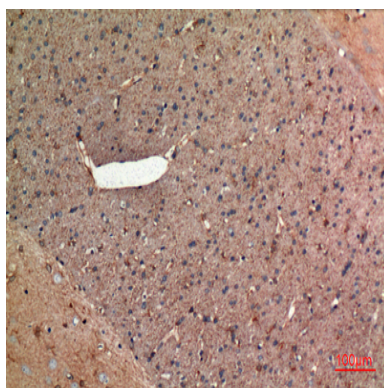


Western blot analysis of lysate from mouse liver cells, using ALDOC Antibody.

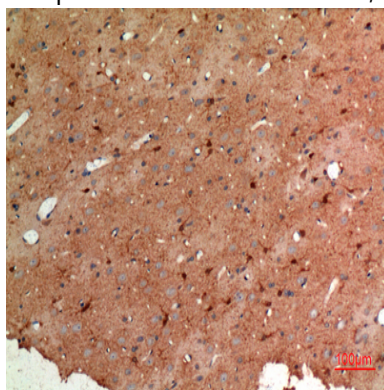


Western Blot analysis of mouse liver, mouse spinal cord cells using Aldolase C Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

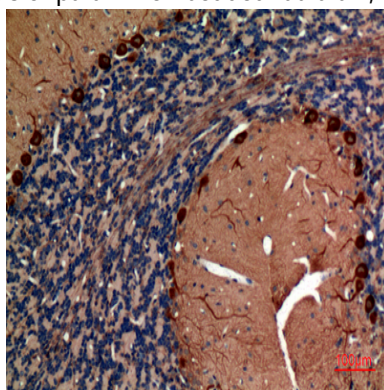
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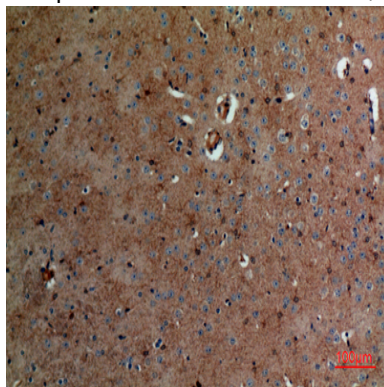
Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



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Immunohistochemical analysis of paraffin-embedded mouse-brain, antibody was diluted at 1:100

注意事项 (Note)

For research use only .