

Aldolase A Rabbit Polyclonal Antibody

Catalog# UZ-PA01259

Product information

产品货号	UZ-PA01259
别名	ALDOA; ALDA; Fructose-bisphosphate aldolase A; Lung cancer antigen NY-LU-1; Muscle-type aldolase
产品名称	Aldolase A Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	ALDOA
推荐应用	WB,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	226
Human Swissprot No.	P04075
免疫原	The antiserum was produced against synthesized peptide derived from human ALDOA. AA range:1-50
稀释度	WB 1:500-1:2000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:10000.Not yet tested in other applications.
预测分子量	39kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	The protein encoded by this gene, Aldolase A (fructose-bisphosphate aldolase), is a glycolytic enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate. Three aldolase isozymes (A, B, and C), encoded by three different genes, are differentially expressed during development. Aldolase A is found in the developing embryo and is produced in even greater amounts in adult muscle. Aldolase A expression is repressed in adult liver, kidney and intestine and similar to aldolase C levels in brain and other nervous tissue. Aldolase A deficiency has been associated with myopathy and hemolytic anemia. Alternative splicing and alternative promoter usage results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 3 and 10. [provided by RefSeq, Aug 2011],
细胞定位	Cytoplasm, myofibril, sarcomere, I band . Cytoplasm, myofibril, sarcomere, M line . In skeletal muscle, accumulates around the M line and within the I band, colocalizing with FBP2 on both sides of the Z line in the absence of Ca(2+). .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal