

产品名称：OAZ2 Rabbit Polyclonal Antibody
产品货号：APRab15084



产品概述 (Summary)

产品名称 (Production Name)	OAZ2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,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, 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)	OAZ2
别名 (Alternative Names)	
基因 ID (Gene ID)	4947.0
蛋白 ID (SwissProt ID)	O95190.Synthesized peptide derived from human protein . at AA range: 90-170

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	20kDa

研究背景 (Background)

The protein encoded by this gene belongs to the ornithine decarboxylase antizyme family, which plays a role in cell growth

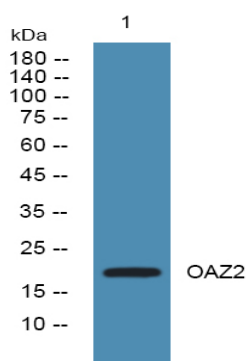
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and proliferation by regulating intracellular polyamines. Expression of antizymes requires +1 ribosomal frameshifting, which is enhanced by high levels of polyamines. Antizymes in turn bind to and inhibit ornithine decarboxylase (ODC), the key enzyme in polyamine biosynthesis; thus, completing the auto-regulatory circuit. This gene encodes antizyme 2, the second member of the antizyme family. Like antizyme 1, antizyme 2 has broad tissue distribution, inhibits ODC activity and polyamine uptake, and stimulates ODC degradation in vivo; however, it fails to promote ODC degradation in vitro. Antizyme 2 is expressed at lower levels than antizyme 1, but is evolutionary more conserved, suggesting it likely has an important biological role. Studies also show different subalternative products: A ribosomal frameshift occurs between the codons for Ser-32 and Asp-33. An autoregulatory mechanism enables modulation of frameshifting according to the cellular concentration of polyamines, function: Binds to, and destabilizes, ornithine decarboxylase. Does not accelerate ornithine decarboxylase degeneration., similarity: Belongs to the ODC antizyme family.,

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night

注意事项 (Note)

For research use only .