

AZ1 Rabbit Polyclonal Antibody

Catalog# UZ-PA01182

Product information

产品货号	UZ-PA01182
别名	OAZ1; OAZ; Ornithine decarboxylase antizyme 1; ODC-Az
产品名称	AZ1 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	OAZ1
推荐应用	WB,IHC-P,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	4946
Human Swissprot No.	P54368
免疫原	The antiserum was produced against synthesized peptide derived from human OAZ1. AA range:14-63
稀释度	IHC-P 1:100-1:300, ELISA 1:40000, WB 1:500-2000, IF-P/IF-F/IF-ICC 1:50-200
参考分子量	25kDa
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 belongs to the ornithine decarboxylase antizyme family, which plays a role in cell growth and proliferation by regulating intracellular polyamine levels. Expression of antizymes requires +1 ribosomal frameshift ing, 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 1, the first member of the antizyme family, that has broad tissue distribution, and negatively regulates intracellular polyamine levels by binding to and targeting ODC for degradation, as well as inhibiting polyamine uptake. Antizyme 1 mRNA contains two potential in-frame AUGs; and studies in rat suggest that alternative use of the two translation initiation sites results in N-terminally distinct protein isoforms
细胞定位	nucleus,cytoplasm,cytosol,
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal