

## 兔抗 OAZ1 多克隆抗体

中文名称: 兔抗 OAZ1 多克隆抗体

英文名称: Anti-OAZ1 rabbit polyclonal antibody

别名: AZI; OAZ

储存: 冷冻 (-20℃) 避光

抗原: OAZ1

宿主: Rabbit

相关类别: 一抗

反应种属: Human Mouse

标记物: Unconjugate

克隆类型: Unconjugate

### 技术规格

#### Background:

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 frameshifting, which is enhanced by high levels of polyamine in cells. Antizymes in turn bind to and inhibit ornithine decarboxylase (ODC), the key enzyme in polyamine biosynthesis pathway; 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 by 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 with different subcellular localization (PMID:16120325). Alternatively spliced transcript variants have also been noted for this gene.
<b>Applications:</b>	IHC
<b>Name of antibody:</b>	OAZ1
<b>Immunogen:</b>	Synthesized peptide derived from N-terminal of human OAZ1.
<b>Full name:</b>	ornithine decarboxylase antizyme 1
<b>Synonyms :</b>	AZI; OAZ
<b>SwissProt:</b>	P54368
<b>IHC positive control:</b>	Human brain tissue
<b>IHC Recommend dilution:</b>	50-100

