

Bax抗体(小鼠单抗)

产品编号	产品名称	包装
AB026	Bax抗体(小鼠单抗)	>20次

产品简介:

来源	用途	交叉反应性	抗体识别位点	Bax分子量
Mouse	WB, IP, IC, IF,	H, M, R	Bax N-terminal	~21kD

WB, Western blot; IP, Immunoprecipitation; IC, Immunocytochemistry; IF, Immunofluorescence.

H, human; M, mouse; R, rat.

- 本Bax抗体(Bax antibody)为进口分装,以人工合成的Bax氨基端(Amino-terminal)的一段多肽为抗原制备而成的抗Bax小鼠单克隆抗体。克隆号为6A7(Clone 6A7),是应用最广的Bax抗体。抗体类型为Mouse IgG₁。
- 本Bax抗体可以检测内源性水平的Bax,未发现和其它Bcl-2家族蛋白有交叉反应。
- Bax是一种促凋亡蛋白,上调Bax蛋白水平可以促进细胞凋亡。在通过线粒体应激诱导的细胞凋亡中Bax起关键作用。Bax可以形成寡聚体,然后从细胞浆中转移到线粒体膜上;通过和线粒体膜上的一些pore proteins相互作用,增强线粒体的通透性(permeability);最后导致细胞色素c释放(cytochrome c release)、caspase-9激活以及后续的其他caspase激活和最终的细胞凋亡。Bax可以和Bcl-2形成多聚体,来调节线粒体膜的通透性,最终调节细胞的凋亡或存活。
- 配套提供了Western一抗稀释液,可以用于Western检测时的一抗稀释。
- 建议抗体使用时的稀释比例为(实际使用时需根据抗原水平的高低作适当调整):

WB	IP	IC	IF	ELISA
1:500-1000	1:50	1:500	1:500	1:500-5000

- 本抗体如果用于常规的Western检测至少可以检测20次。

包装清单:

产品编号	产品名称	包装
AB026-1	Bax抗体(小鼠单抗)	20μl
AB026-2	Western一抗稀释液	20ml
—	说明书	1份

保存条件:

Bax抗体-20°C保存, Western一抗稀释液-20°C或4°C保存,一年有效。Western一抗稀释液优先推荐4°C保存,长期不使用可以考虑-20°C保存,但冻融可能会导致出现轻微的浑浊和少量不溶物。

注意事项:

- 对于本抗体, Western检测时一抗要4°C缓慢摇动过夜,如果仅短时间与一抗孵育检测效果较差。
- 在Western实验后,请注意回收稀释的抗体。回收的抗体在进行Western实验时至少可以重复使用10次。稀释后的抗体,包括已经使用过的稀释抗体, 4°C保存。
- 回收后重复使用的抗体,使用方法同新鲜稀释的抗体。如果在重复使用过程中发现抗体出现轻微混浊现象,可以10000g离心1-3分钟,取上清用于后续检测。如果回收的抗体出现明显的絮状物或长霉长菌等情况,则可以考虑废弃该抗体。
- 本产品仅限于专业人员的科学研究用,不得用于临床诊断或治疗,不得用于食品或药品,不得存放于普通住宅内。
- 为了您的安全和健康,请穿实验服并戴一次性手套操作。

使用说明:

1. Western检测:

- 按照1:500-1000用碧云天提供的Western一抗稀释液稀释抗体。
- 把经过封闭的蛋白膜与稀释好的一抗4°C缓慢摇动过夜,确保稀释的抗体至少能在摇动的瞬间覆盖蛋白膜。
- 回收稀释的一抗, 4°C保存以备下次继续使用。
- 按照Western的实验步骤进行后续的洗涤、二抗孵育、洗涤和检测等操作。具体操作可以参考如下网页:
<http://www.beyotime.com/support/western.htm>

2. 免疫染色:

可以使用碧云天生产的免疫染色一抗稀释液(P0103)稀释抗体,使用后注意回收稀释好的一抗,具体操作可以参考如下网

3. 其它实验操作请自行参考适当的protocol进行。

使用本产品的文献:

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