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Akt抗体(兔多抗)

产品编号	产品名称	包装
AA326	Akt抗体(兔多抗)	>10次

产品简介:

来源	用途	交叉反应性	抗体识别位点	Akt分子量
Rabbit	WB, IP, IF, F	H, M, R, C, Hm, Dro	Akt C-terminal	~60kD

WB, Western blot; IP, Immunoprecipitation; IF, Immunofluorescence; F, Flow cytometry.

H, human; M, mouse; R, rat; C, chicken; Hm, hamster; Dro, drosophila.

- 本Akt抗体(Akt antibody)为进口分装, 用人工合成的小鼠Akt羧基端(carboxy-terminal)的一段多肽进行适当修饰后免疫rabbit, 然后用protein A和抗原多肽亲和柱经过两步纯化得到的高纯度抗体。
- 本Akt抗体识别的是总Akt(total Akt), 可以检测内源性的Akt1、Akt2和Akt3, 未发现和其它激酶有交叉反应。
- Akt又称PKB或Rac, 在细胞存活和凋亡中起重要作用。胰岛素等生长和存活因子都可以激活Akt信号途径。Akt的Ser473可以被PDK1磷酸化。PI3 Kinase-Akt信号途径是一条经典的信号途径, LY294002等PI3 kinase的抑制剂抑制PI3 kinase时, 通常就会抑制Akt激活。
- 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如下(实际使用时需根据抗原水平的高低作适当调整):

WB	IP	IF	F
1:1000	1:50	1:200	1:50

- 本抗体如果用于常规的Western检测, 至少可以检测10次。

包装清单:

产品编号	产品名称	包装
AA326-1	Akt抗体(兔多抗)	10μl
AA326-2	Western一抗稀释液	10ml
—	说明书	1份

保存条件:

Akt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1:1000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页: <http://www.beyotime.com/support/immunol-staining.htm>

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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Version 2024.03.12