



碧云天生物技术/Beyotime Biotechnology
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PARP抗体(兔多抗)

| 产品编号 | 产品名称 | 包装 |
|-------|-------------|------|
| AP102 | PARP抗体(兔多抗) | >20次 |

产品简介:

| 来源 | 用途 | 交叉反应性 | 抗体识别位点 | PARP分子量 |
|--------|----|---------|-------------|-------------|
| Rabbit | WB | H, M, R | Caspase剪切位点 | 116/89/24kD |

WB, Western blot.

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

- 本PARP抗体(PARP antibody)为进口分装,用人工合成的PARP中一段包含Caspase剪切位点的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而得到的高纯度抗体。
- 本PARP抗体可以识别全长的116kD PARP,也可以识别经Caspase剪切产生的89kD和24kD PARP片段。未发现和其它相关蛋白有交叉反应。
- PARP,即poly(ADP-ribose) polymerase,是定位在细胞核内,和应激条件下DNA修复密切相关的一种酶。PARP在体外可以被多种Caspase剪切,在体内是Caspase 3的主要剪切对象。对于人PARP,在Asp124和Gly215之间被Caspase剪切后,使PARP羧基端的催化结构域(89kD)和氨基端的DNA结合结构域(24kD)相分离,从而使PARP失去其酶活力。PARP对于细胞的稳定和存活非常重要,PARP失去酶活力会加速细胞的不稳定。
- PARP剪切被认为是细胞凋亡的一个重要指标,也通常被认为是Caspase 3激活的指标。
- 配套提供了Western一抗稀释液,可以用于Western检测时的一抗稀释。
- 建议本抗体用于Western检测时的起始稀释比例为1:1000(实际使用时需根据抗原水平的高低作适当调整)。
- 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 |
|---------|--------------|------|
| AP102-1 | PARP抗体(兔多抗) | 20μl |
| AP102-2 | Western一抗稀释液 | 20ml |
| — | 说明书 | 1份 |

保存条件:

PARP抗体-20℃保存,Western一抗稀释液-20℃或4℃保存,一年有效。Western一抗稀释液优先推荐4℃保存,长期不使用可以考虑-20℃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℃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℃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℃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℃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>

使用本产品的文献:

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