

Rad17 overexpression 293T lysate (whole cell) ab94261

2 图像

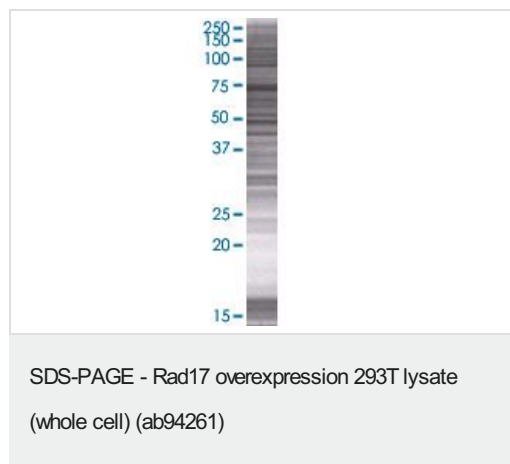
| | |
|-----------------|---|
| 概述 | |
| 产品名称 | Rad17 overexpression 293T裂解物(whole cell) |
| 常规说明 | ab94261 is a 293T cell transfected lysate in which Human Rad17 has been transiently over-expressed using a pCMV-Rad17 plasmid. The lysate is provided in 1X Sample Buffer. |
| 经测试应用 | 适用于: WB |
| 性能 | |
| Mycoplasma free | Yes |
| 形式 | Liquid |
| 存放说明 | Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| 存储溶液 | Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine) |
| 背景 | <p>Function: Essential for sustained cell growth, maintenance of chromosomal stability, and ATR-dependent checkpoint activation upon DNA damage. Has a weak ATPase activity required for binding to chromatin. Participates in the recruitment of the RAD1-RAD9-HUS1 complex onto chromatin, and in CHEK1 activation. May also serve as a sensor of DNA replication progression, and may be involved in homologous recombination. Tissue specificity: Overexpressed in various cancer cell lines and in colon carcinoma (at protein level). Isoform 2 and isoform 3 are the most abundant isoforms in non irradiated cells (at protein level). Ubiquitous at low levels. Highly expressed in testis, where it is expressed within the germinal epithelium of the seminiferous tubuli. Weakly expressed in seminomas (testicular tumors). Similarity: Belongs to the rad17/RAD24 family. PTM: Phosphorylated. Phosphorylation on Ser-646 and Ser-656 is cell cycle-regulated, enhanced by genotoxic stress, and required for activation of checkpoint signaling.</p> <p>Phosphorylation is mediated by ATR upon UV or replication arrest, whereas it may be mediated both by ATR and ATM upon ionizing radiation. Phosphorylation on both sites is required for interaction with RAD1 but dispensable for interaction with RFC3 or RFC4.</p> |
| 应用 | |

The Abpromise guarantee Abpromise™承诺保证使用ab94261于以下的经测试应用

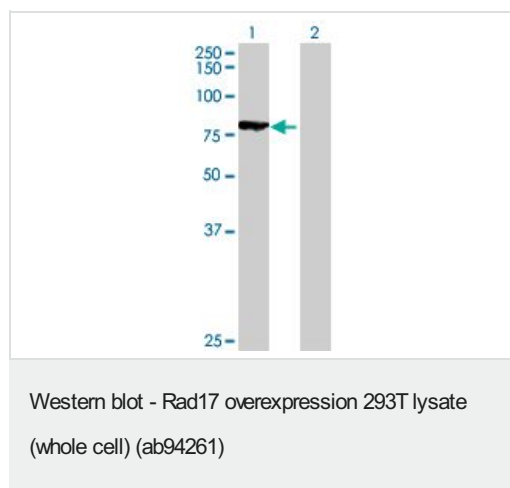
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|----|------|-------------------------------------|
| WB | | Use at an assay dependent dilution. |

图片



ab94261 at 15µg/lane on an SDS-PAGE gel.



All lanes : Anti-Rad17 antibody (**ab55722**) at 1/500 dilution

Lane 1 : Rad17 overexpression 293T lysate (whole cell) (ab94261)

Lane 2 : 293T Non Transfected Lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at 1/2500 dilution

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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