

Anti-Phospho SQ/TQ ATM/ATR Substrate antibody ab130947

[3 References](#) [1 图像](#)

概述

产品名称	Anti-Phospho SQ/TQ ATM/ATR底物抗体
描述	兔多克隆抗体to Phospho SQ/TQ ATM/ATR底物
宿主	Rabbit
特异性	Ab130947 recognizes proteins phosphorylated on SQ/TQ motifs (ATM/ATR kinase consensus phosphorylation site motif)
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human Phospho SQ/TQ ATM/ATR Substrate aa 2600-2700 (phospho S2609 + T2609) conjugated to keyhole limpet haemocyanin. Database link: P78527
阳性对照	This antibody gave a positive signal in Western Blot in the following cell line: HeLa untreated and UV treated whole cell
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab130947于以下的经测试应用

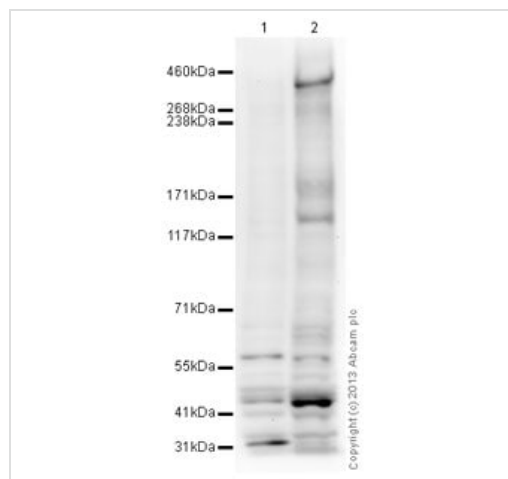
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 450 kDa (predicted molecular weight: 469 kDa). An increase in signal is observed upon UV treatment

靶标

相关性 Several protein kinases mediate cellular responses to DNA damage. This includes the serine/threonine kinases ATM (ataxia telangiectasia mutated) and ATR (ATM and Rad3-related). In response to DNA damage ATM and ATR phosphorylate a large range of proteins on Serine (S) or Threonine (T) residues next to a Glutamine (Q) residue, so called SQ or TQ consensus sites.

图片



Western blot - Anti-Phospho SQ/TQ ATM/ATR
Substrate antibody (ab130947)

All lanes : Anti-Phospho SQ/TQ ATM/ATR Substrate antibody (ab130947) at 1 µg/ml

Lane 1 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

Lane 2 : Hela Whole Cell Lysate - UV Irradiated

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 469 kDa

Observed band size: 450 kDa

Exposure time: 8 minutes

This blot was produced using a 3-8% Tris Acetate gel under the TA buffer system. The gel was run at 150V for 60 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 5% Bovine Serum Albumin before being incubated with ab130947 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution.

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

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