


Anti-Blooms Syndrome Protein Blm antibody ab5446

★★★★★ [3 Abreviews](#) [2 References](#) [2 图像](#)

概述

产品名称	Anti-Blooms Syndrome蛋白Blm抗体
描述	山羊多克隆抗体to Blooms Syndrome蛋白Blm
宿主	Goat
经测试应用	适用于: WB, IP
种属反应性	与反应: Human 预测可用于: Chimpanzee 
免疫原	Immunogen was a synthetic peptide, which represented a portion of human Bloom Syndrome encoded within exon 2.
阳性对照	WB: HeLa, HEK-293T and Jurkat whole cell lysates. IP: HeLa whole cell lysate.
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7 Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
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ab5446于以下的经测试应用

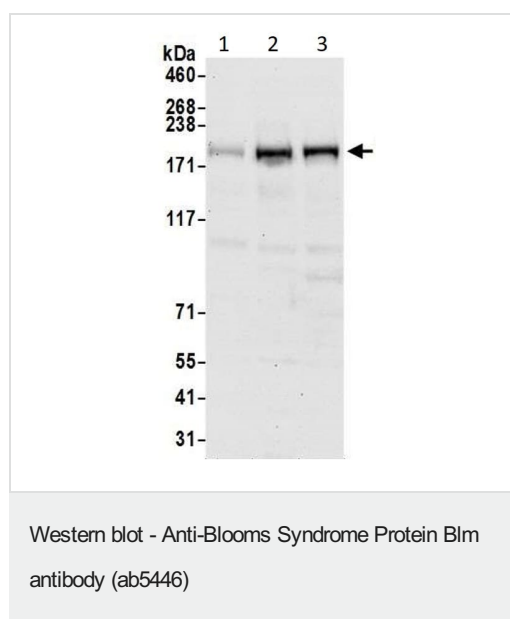
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (2)	1/10000 - 1/25000. Predicted molecular weight: 159 kDa.
IP		Use at 2-10 µg/mg of lysate.

靶标

功能	Participates in DNA replication and repair. Exhibits a magnesium-dependent ATP-dependent DNA-helicase activity that unwinds single- and double-stranded DNA in a 3'-5' direction.
疾病相关	Defects in BLM are the cause of Bloom syndrome (BLM) [MIM:210900]. BLM is an autosomal recessive disorder characterized by proportionate pre- and postnatal growth deficiency, sun-sensitive telangiectatic hypo- and hyperpigmented skin, predisposition to malignancy, and chromosomal instability.
序列相似性	Belongs to the helicase family. RecQ subfamily. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain. Contains 1 HRDC domain.
翻译后修饰	Phosphorylated in response to DNA damage. Phosphorylation requires the FANCA-FANCC-FANCE-FANCF-FANCG protein complex, as well as the presence of RMI1.
细胞定位	Nucleus.

图片



All lanes : Anti-Blooms Syndrome Protein BLM antibody (ab5446) at 0.04 µg/ml

Lane 1 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate

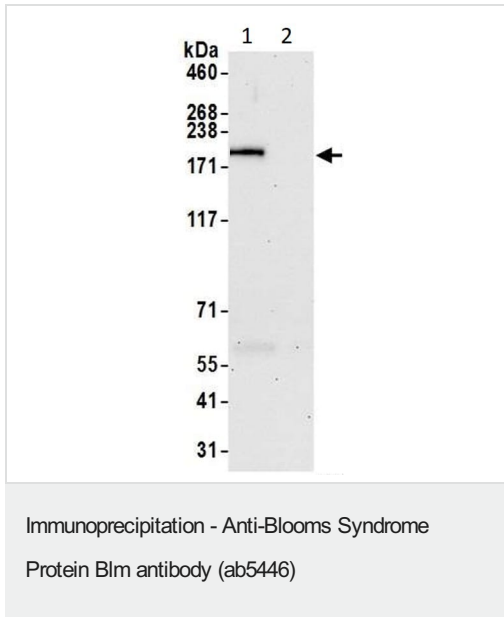
Lane 2 : HEK-293T (Human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

Lane 3 : Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate

Lysates/proteins at 50 µg per lane.

Predicted band size: 159 kDa

Exposure time: 30 seconds



Blooms Syndrome Protein Blm was immunoprecipitated from HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate (1 mg for IP, 20% of IP loaded) with ab5446 at 6 µg/mg lysate. Western blot was performed from the immunoprecipitate using ab5446 at 1 µg/ml.

Lane 1: ab5446 IP in HeLa whole cell lysate.

Lane 2: Control IgG IP in HeLa whole cell lysate.

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