

Anti-STAT6 antibody [21HCLC] ab277765

重组

4 图像

概述

产品名称	Anti-STAT6抗体[21HCLC]
描述	兔重组multiclonal [21HCLC] to STAT6
宿主	Rabbit
经测试应用	适用于: ChIP, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human STAT6 aa 600-700. Database link: P42226
阳性对照	ChIP: HeLa cells treated with IFN-gamma. WB: HeLa, A431, A549 whole cell lysate, HeLa cells treated with IFN1a.
常规说明	Recombinant multiconals are a mixture of recombinant antibodies co-expressed from a library of heavy and light chains. Recombinant multiconal antibodies offer the sensitivity of polyclonal antibodies by recognising multiple epitopes, along with consistency of a recombinant antibody.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.09% Sodium azide Constituent: 99.91% PBS
纯度	Protein A purified
克隆	Recombinant Multiclonal
克隆编号	21HCLC
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab277765 于以下的经测试应用

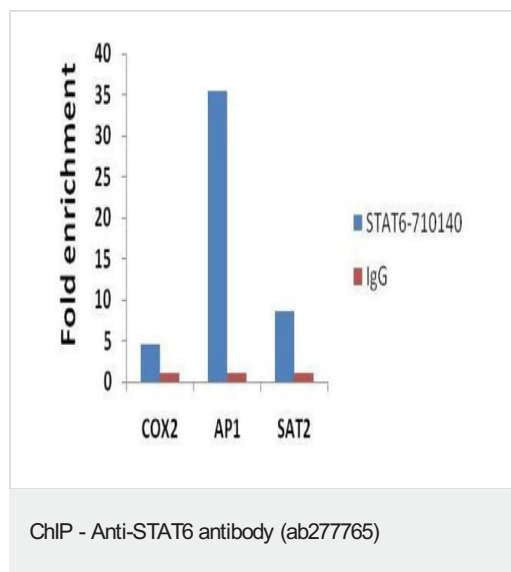
“应用说明”部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ChIP		Use 3 µg for µg of chromatin. 3 µg
WB		Use a concentration of 0.5 - 1 µg/ml. Predicted molecular weight: 94 kDa.

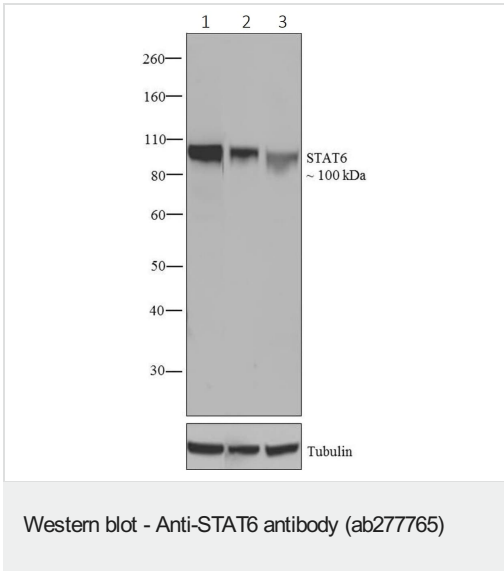
靶标

功能	Carries out a dual function: signal transduction and activation of transcription. Involved in interleukin-4 signalling.
序列相似性	Belongs to the transcription factor STAT family. Contains 1 SH2 domain.
翻译后修饰	Tyrosine phosphorylated following stimulation by IL-4 and IL-3.
细胞定位	Cytoplasm. Nucleus. Translocated into the nucleus in response to phosphorylation.

图片



ChIP- qPCR analysis of STAT6 was performed with 3 µg/mL of ab277765 on sheared chromatin from 2 million HeLa (Human epithelial cell line from cervix adenocarcinoma) cells treated with IFN-gamma (50 ng/mL) for 1h using the MAGnify Chromatin Immunoprecipitation System. Normal rabbit IgG (3 µg/mL) was used as a negative IP control. The purified DNA from each ChIP sample was analyzed by StepOnePlus Real-Time PCR System with primers for the promoter of active AP-1 and COX2 gene, used as positive control targets, and the inactive SAT2 satellite repeat, used as negative control target. Data is presented as fold enrichment of the antibody signal versus the negative control IgG using the comparative CT method.



All lanes : Anti-STAT6 antibody [21HCLC] (ab277765) at 1 µg/ml

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

Lane 2 : A431 (Human epidermoid carcinoma cell line) whole cell lysate

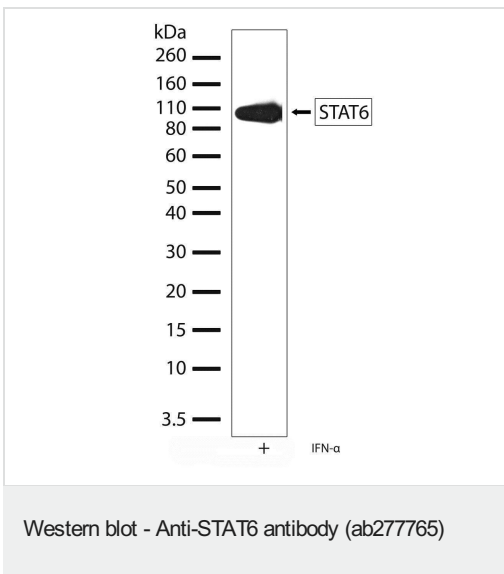
Lane 3 : A549 (Human lung carcinoma cell line) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat anti-Rabbit IgG-HRP at 1/5000 dilution

Predicted band size: 94 kDa



Anti-STAT6 antibody [21HCLC] (ab277765) at 1 µg/ml + HeLa (Human epithelial cell line from cervix adenocarcinoma) cells treated with IFN1a (150 ng/mL, 15 min)

Predicted band size: 94 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-STAT6 antibody [21HCLC] (ab277765)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors