

Anti-Smad1 (phospho S206) antibody ab106093

1 图像

概述

产品名称	Anti-Smad1 (phospho S206)抗体
描述	兔多克隆抗体to Smad1 (phospho S206)
宿主	Rabbit
特异性	ab106093 is specific for Human Smad1 phosphorylated at pS206. Reactivity with nonphosphorylated Human Smad1 is minimal by ELISA and western blot.
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Sheep, Horse, Chicken, Cow, Dog, Pig, Chimpanzee, Drosophila melanogaster, Macaque monkey, Gorilla, Opossum, Orangutan 
免疫原	Synthetic peptide corresponding to Human Smad1 (phospho S206).
阳性对照	HEPG2 whole cell lysates treated with BMP2, EGF, or NaCl.
常规说明	Expiration date is one year from date of opening. 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. 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

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.88% Sodium chloride
纯度	Immunogen affinity purified
纯化说明	ab1060093 was affinity purified from monospecific antiserum by immunoaffinity purification. Antiserum was first purified against the phosphorylated form of the immunizing peptide. The resultant affinity purified antibody was then cross adsorbed against the non-phosphorylated form of the immunizing peptide.

克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab106093 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		1/500 - 1/2000. Predicted molecular weight: 52 kDa.

靶标

功能 Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD1 is a receptor-regulated SMAD (R-SMAD). SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1.

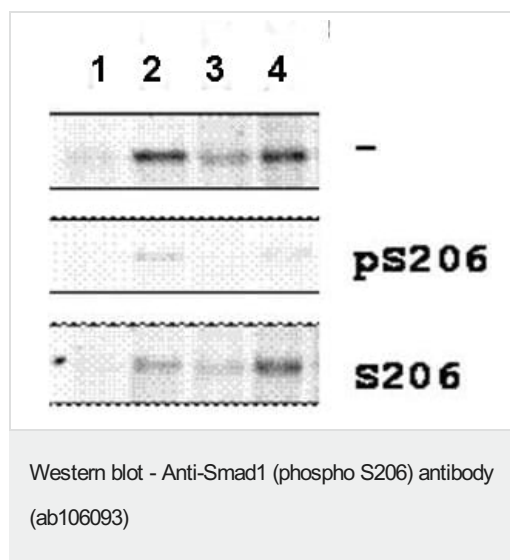
组织特异性 Ubiquitous. Highest expression seen in the heart and skeletal muscle.

序列相似性 Belongs to the dwarfin/SMAD family.
Contains 1 MH1 (MAD homology 1) domain.
Contains 1 MH2 (MAD homology 2) domain.

翻译后修饰 Phosphorylated on serine by BMP type 1 receptor kinase.
Ubiquitin-mediated proteolysis by SMAD-specific E3 ubiquitin ligase SMURF1.

细胞定位 Cytoplasm. Nucleus. Cytoplasmic in the absence of ligand. Migrates to the nucleus when complexed with SMAD4. Co-localizes with LEMD3 at the nucleus inner membrane.

图片



All lanes : Anti-Smad1 (phospho S206) antibody (ab106093) at 1/500 dilution

Lane 1 : HepG2 whole cell lysate, treated with PBS

Lanes 2-3 : HepG2 whole cell lysate, treated with BMP2 (5 ng/ml)

Lane 4 : HepG2 whole cell lysate, treated with NaCl

Lysates/proteins at 15 µg per lane.

Secondary

All lanes : HRP-conjugated a-Rabbit IgG at 1/3000 dilution

Predicted band size: 52 kDa

Cell lysates were incubated for 1 h at 37°C.

Primary antibody was pre-incubated before reacting with blot as follows:

top row - with PBS,

middle row - with the immunizing phosphorylated peptide

bottom row - with control or non-phosphorylated peptide.

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