


Product datasheet

Anti-SOCS2 antibody ab66733

1 图像

概述

产品名称	Anti-SOCS2抗体
描述	兔多克隆抗体to SOCS2
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Human 预测可用于: Rat, Cow, Pig, Chimpanzee 
免疫原	Synthetic peptide conjugated to KLH derived from within residues 150 to the C-terminus of Human SOCS2 .参阅Abcam的专有抗源政策(Peptide available as <a href="#">ab66732</a> .)
阳性对照	This antibody gave a positive signal in the following whole cell lysates: HepG2, HeLa, SW480, Raji, MOLT4 and in Mouse Thymus tissue lysate

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	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab66733** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 22 kDa (predicted molecular weight: 22 kDa).

## 靶标

### 功能

SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. SOCS2 appears to be a negative regulator in the growth hormone/IGF1 signaling pathway. Probable substrate recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.

### 组织特异性

High expression in heart, placenta, lung, kidney and prostate.

### 通路

Protein modification; protein ubiquitination.

### 序列相似性

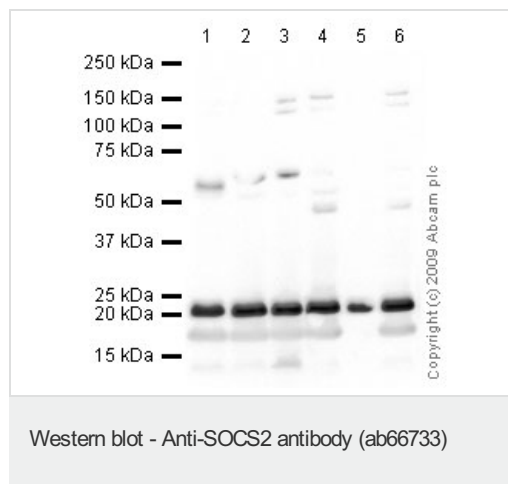
Contains 1 SH2 domain.

Contains 1 SOCS box domain.

### 结构域

The SOCS box domain mediates the interaction with the Elongin BC complex, an adapter module in different E3 ubiquitin ligase complexes.

## 图片



**All lanes :** Anti-SOCS2 antibody (ab66733)  
at 1 µg/ml

**Lane 1 :** HepG2 (Human hepatocellular liver carcinoma cell line) Whole Cell Lysate

**Lane 2 :** HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

**Lane 3 :** SW480 whole cell lysate ([ab3957](#))

**Lane 4 :** Raji whole cell lysate ([ab30124](#))

**Lane 5 :** Mouse thymus tissue lysate - total protein ([ab29285](#))

**Lane 6 :** MOLT4 (Human acute lymphoblastic leukemia cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

**Predicted band size:** 22 kDa

**Observed band size:** 22 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- 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

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