

### Anti-SOCS1 antibody - Carboxyterminal end ab65989

1 References [画像数 2](#)

医薬用外劇物

#### 製品の概要

製品名	Anti-SOCS1 antibody - Carboxyterminal end
製品の詳細	Rabbit polyclonal to SOCS1 - Carboxyterminal end
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P
種交差性	<b>交差種:</b> Rat, Human
免疫原	A synthetic peptide corresponding to a sequence at the C-terminal of human SOCS1, identical to the related mouse and rat sequence.
ポジティブ・コントロール	Rat lung tissue.
特記事項	<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&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

#### アプリケーション

## The Abpromise guarantee

**Abpromise保証は、**次のテスト済みアプリケーションにおけるab65989の使用に適用されます

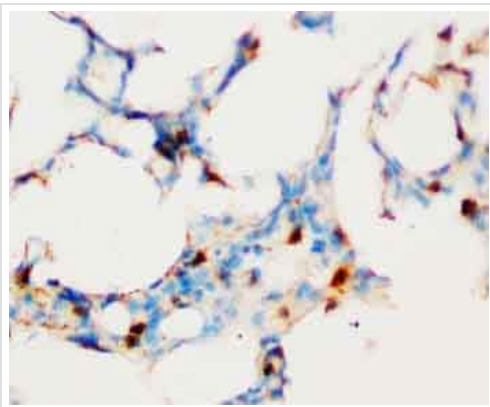
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 24 kDa.
IHC-P		Use a concentration of 0.5 - 1 µg/ml.

## ターゲット情報

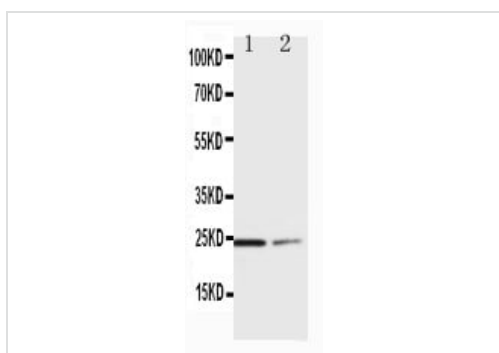
機能	SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. SOCS1 is involved in negative regulation of cytokines that signal through the JAK/STAT3 pathway. Through binding to JAKs, inhibits their kinase activity. In vitro, also suppresses Tec protein-tyrosine activity. Appears to be a major regulator of signaling by interleukin 6 (IL6) and leukemia inhibitory factor (LIF). Regulates interferon-gamma mediated sensory neuron survival (By similarity). Probable substrate recognition component of an ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Seems to recognize JAK2.
組織特異性	Expressed in all tissues with high expression in spleen, small intestine and peripheral blood leukocytes.
パスウェイ	Protein modification; protein ubiquitination.
配列類似性	Contains 1 SH2 domain. Contains 1 SOCS box domain.
ドメイン	The ESS and SH2 domains are required for JAK phosphotyrosine binding. Further interaction with the KIR domain is necessary for signal and kinase inhibition. The SOCS box domain mediates the interaction with the Elongin BC complex, an adapter module in different E3 ubiquitin ligase complexes. The Elongin BC complex binding domain is also known as BC-box with the consensus [APST]-L-x(3)-C-x(3)-[ALV] and is part of the SOCS box.

## 画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SOCS1 antibody - Carboxyterminal end (ab65989)

ab65989, at 0.5µg/ml, staining SOCS1 in paraffin-embedded rat lung tissue by immunohistochemistry. Staining of SOCS1 in the nucleus is observed. DAB chromogenic reaction.



Western blot - Anti-SOCS1 antibody - Carboxyterminal end (ab65989)

**All lanes :** Anti-SOCS1 antibody - Carboxyterminal end (ab65989)

**Lane 1 :** HT1080 Cell Lysate

**Lane 2 :** COLO320 Cell Lysate

**Predicted band size:** 24 kDa

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

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