


Anti-SOCS3 antibody ab723

★★★★★ [1 Abreviews](#) [1 References](#) [画像数 1](#)

製品の概要

製品名	Anti-SOCS3 antibody
製品の詳細	Goat polyclonal to SOCS3
由来種	Goat
アプリケーション	適用あり: WB
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Synthetic peptide: PIREFLDQYDAPL, corresponding to C terminal amino acids 213-225 of Human SOCS3 . Run BLAST with Expasy Run BLAST with NCBI
ポジティブ・コントロール	MOLT-4 lysate
特記事項	Principal Names - SOCS3; CIS3; Cish3; SSI-3; SOCS-3; suppressor of cytokine signaling 3; STAT induced STAT inhibitor 3; cytokine-induced SH2 protein 3 Official Gene Symbol - SOCS3 GenBank Accession Number – NP_003946 LocusLink ID - 9021 (human); 12702 (mouse); 89829 (rat) Gene Ontology terms - protein kinase inhibitor; JAK-STAT cascade; anti-apoptosis Size - 225 aa 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

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	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.05% Tris, 0.5% BSA

精製度	Immunogen affinity purified
特記事項 (精製)	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
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

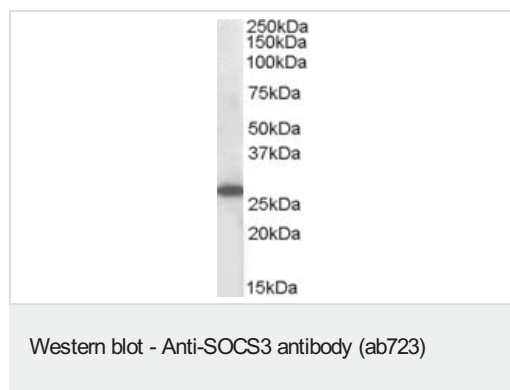
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab723の使用に適用されます
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	Use a concentration of 1 - 3 µg/ml. Approx 24kDa band seen in MOLT-4 lysate. Recommended for use at 4.0-6.0µg/ml. Block membrane in 2.5% skimmed milk in TBST (TBS + 0.05% Tween). Incubate primary antibody for 1 hour at room temperature with agitation.

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. SOCS3 is involved in negative regulation of cytokines that signal through the JAK/STAT pathway. Inhibits cytokine signal transduction by binding to tyrosine kinase receptors including gp130, LIF, erythropoietin, insulin, IL12, GCSF and leptin receptors. Binding to JAK2 inhibits its kinase activity. Suppresses fetal liver erythropoiesis. Regulates onset and maintenance of allergic responses mediated by T-helper type 2 cells. Regulates IL-6 signaling in vivo (By similarity). 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. Seems to recognize IL6ST.
組織特異性	Widely expressed with high expression in heart, placenta, skeletal muscle, peripheral blood leukocytes, fetal and adult lung, and fetal liver and kidney. Lower levels in thymus.
パスウェイ	Protein modification; protein ubiquitination.
関連疾患	Note=There is some evidence that SOCS3 may be a susceptibility gene for atopic dermatitis linked to 17q25. SOCS3 messenger RNA is significantly more highly expressed in skin from patients with atopic dermatitis than in skin from healthy controls. Furthermore, a genetic association between atopic dermatitis and a haplotype in the SOCS3 gene has been found in two independent groups of patients.
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.
翻訳後修飾	Phosphorylated on tyrosine residues after stimulation by the cytokines, IL-2, EPO or IGF1.

画像



Anti-SOCS3 antibody (ab723) at 1 µg/ml + MOLT-4 lysate at 35 µg

Observed band size: 24 kDa

Detected by western blot using chemiluminescence.

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