

# Anti-STAT2 (phospho Y690) antibody ab53132

★★★★★ [2 Abreviews](#) [24 References](#) [画像数 2](#)

### 製品の概要

製品名	Anti-STAT2 (phospho Y690) antibody
製品の詳細	Rabbit polyclonal to STAT2 (phospho Y690)
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> Human
免疫原	Synthetic peptide corresponding to Human STAT2 aa 650-750 (phospho Y690). Around the phosphorylation site of tyrosine 690 (R-K-YP-L-K). Database link: <a href="#">P52630</a>
ポジティブ・コントロール	IHC-P: Rat kidney, Human colon. WB: HeLa cells treated with IFN.
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. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS
	Without Mg+2 and Ca+2
精製度	Immunogen affinity purified
特記事項 (精製)	ab53132 was affinity purified from rabbit antiserum by affinity chromatography using epitope specific phosphopeptide. The antibody against non phosphopeptide was removed by chromatography using non phosphopeptide corresponding to the phosphorylation site.
ポリ/モノ	ポリクローナル

## 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ab53132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	★★★★★ (1)	1/300 - 1/1000. Detects a band of approximately 98 kDa (predicted molecular weight: 98 kDa).
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.

## ターゲット情報

### 機能

Signal transducer and activator of transcription that mediates signaling by type I IFNs (IFN-alpha and IFN-beta). Following type I IFN binding to cell surface receptors, Jak kinases (TYK2 and JAK1) are activated, leading to tyrosine phosphorylation of STAT1 and STAT2. The phosphorylated STATs dimerize, associate with ISGF3G/IRF-9 to form a complex termed ISGF3 transcription factor, that enters the nucleus. ISGF3 binds to the IFN stimulated response element (ISRE) to activate the transcription of interferon stimulated genes, which drive the cell in an antiviral state.

### 配列類似性

Belongs to the transcription factor STAT family.  
Contains 1 SH2 domain.

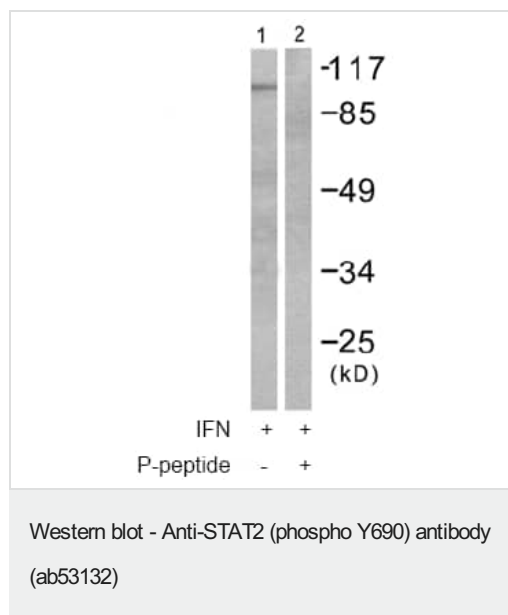
### 翻訳後修飾

Tyrosine phosphorylated in response to IFN-alpha.

### 細胞内局在

Cytoplasm. Nucleus. Translocated into the nucleus upon activation by IFN-alpha/beta.

## 画像



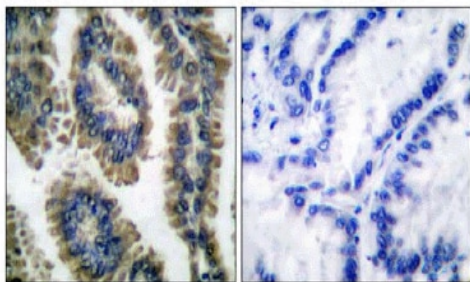
**All lanes :** Anti-STAT2 (phospho Y690) antibody (ab53132) at 1/300 dilution

**Lane 1 :** HeLa cell extract treated with IFN (2500U/ml, 30mins)

**Lane 2 :** HeLa cell extract treated with IFN (2500U/ml, 30mins) with immunising peptide

**Predicted band size:** 98 kDa

**Observed band size:** 98 kDa



P-peptide

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STAT2 (phospho Y690) antibody (ab53132)

ab53132, at 1/50 dilution, staining STAT2 in paraffin embedded human lung carcinoma tissue by Immunohistochemistry in the absence (left image) or presence (right image) of the immunising peptide.

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

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