

### Anti-Smad1 (phospho S465) antibody ab97689

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#### 製品の概要

製品名	Anti-Smad1 (phospho S465) antibody
製品の詳細	Rabbit polyclonal to Smad1 (phospho S465)
由来種	Rabbit
特異性	ab97689 detects endogenous levels of Smad1 only when phosphorylated at serine 465. The region surrounding Smad1 phospho S465 is highly conserved in several other Smad proteins, including Smad 5 and Smad 9. Cross reactivity with other Smad proteins is likely.
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide corresponding to Human Smad1 (phospho S465).
ポジティブ・コントロール	HeLa cell extracts treated with PMA.
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	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 0.87% Sodium chloride, 50% Glycerol (glycerin, glycerine), PBS</p> <p>Without Mg<sup>2+</sup> and Ca<sup>2+</sup></p>
精製度	Immunogen affinity purified
特記事項 (精製)	ab97689 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

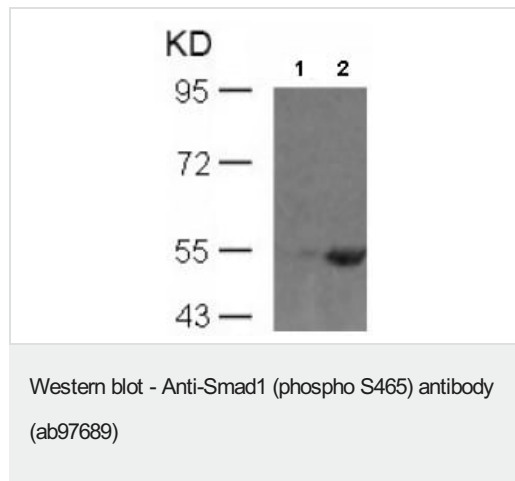
**The Abpromise guarantee**      **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab97689の使用に適用されます  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Detects a band of approximately 55 kDa (predicted molecular weight: 52 kDa).

ターゲット情報

機能	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.
組織特異性	Ubiquitous. Highest expression seen in the heart and skeletal muscle.
配列類似性	Belongs to the dwarfin/SMAD family. Contains 1 MH1 (MAD homology 1) domain. Contains 1 MH2 (MAD homology 2) domain.
翻訳後修飾	Phosphorylated on serine by BMP type 1 receptor kinase. Ubiquitin-mediated proteolysis by SMAD-specific E3 ubiquitin ligase SMURF1.
細胞内局在	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.

画像



**All lanes :** Anti-Smad1 (phospho S465) antibody (ab97689) at 1/500 dilution

**Lane 1 :** HeLa cell extracts, untreated

**Lane 2 :** HeLa cell extracts, treated with PMA

**Predicted band size:** 52 kDa

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

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