


# Anti-RICTOR antibody ab32892

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

### 製品の概要

製品名	Anti-RICTOR antibody
製品の詳細	Goat polyclonal to RICTOR
由来種	Goat
アプリケーション	<b>適用あり:</b> IHC-P
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Dog 
免疫原	Synthetic peptide: (C)KQPIVD TSAES , corresponding to C terminal amino acids 1698-1708 of Human RICTOR <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
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. Avoid freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 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ab32892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
IHC-P		Use at an assay dependent concentration.

## ターゲット情報

### 機能

Subunit of mTORC2, which regulates cell growth and survival in response to hormonal signals. mTORC2 is activated by growth factors, but, in contrast to mTORC1, seems to be nutrient-insensitive. mTORC2 seems to function upstream of Rho GTPases to regulate the actin cytoskeleton, probably by activating one or more Rho-type guanine nucleotide exchange factors. mTORC2 promotes the serum-induced formation of stress-fibers or F-actin. mTORC2 plays a critical role in AKT1 'Ser-473' phosphorylation, which may facilitate the phosphorylation of the activation loop of AKT1 on 'Thr-308' by PDK1 which is a prerequisite for full activation. mTORC2 regulates the phosphorylation of SGK1 at 'Ser-422'. mTORC2 also modulates the phosphorylation of PRKCA on 'Ser-657'. Plays an essential role in embryonic growth and development.

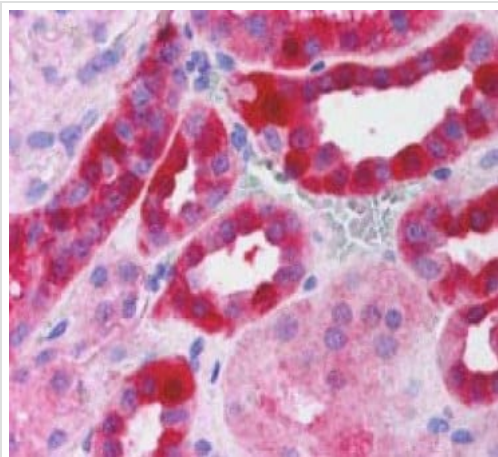
### 配列類似性

Belongs to the RICTOR family.

### 翻訳後修飾

Phosphorylated by MTOR; when part of mTORC2. Phosphorylated at Thr-1135 by RPS6KB1; phosphorylation of RICTOR inhibits mTORC2 and AKT1 signaling.

## 画像



Ab32892 (2.5ug/ml) staining human RICTOR in human kidney tissue by immunohistochemistry using paraffin embedded tissue.

Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

In paraffin embedded Kidney shows strong cytoplasmic staining of epithelial cells in distal convoluted tubules.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RICTOR antibody (ab32892)

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

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