

### Anti-IRAK-1 (phospho T387) antibody ab112042

★★★★★ [2 Abreviews](#) [画像数 1](#)

#### 製品の概要

製品名	Anti-IRAK-1 (phospho T387) antibody
製品の詳細	Rabbit polyclonal to IRAK-1 (phospho T387)
由来種	Rabbit
アプリケーション	<b>適用あり:</b> ICC/IF
種交差性	<b>交差種:</b> Mouse <b>交差が予測される動物種:</b> Rat 
免疫原	Synthetic peptide corresponding to Human IRAK-1 (phospho T387). Database link: <a href="#">P51617</a>
ポジティブ・コントロール	NIH3T3 cells.
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	Frozen Stock (-20C). Shelf life 12 months.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 0.88% Sodium chloride, 50% Glycerol (glycerin, glycerine), 49% PBS  PBS without Mg <sup>2+</sup> and Ca <sup>2+</sup>
精製度	Immunogen affinity purified
特記事項(精製)	ab112042 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

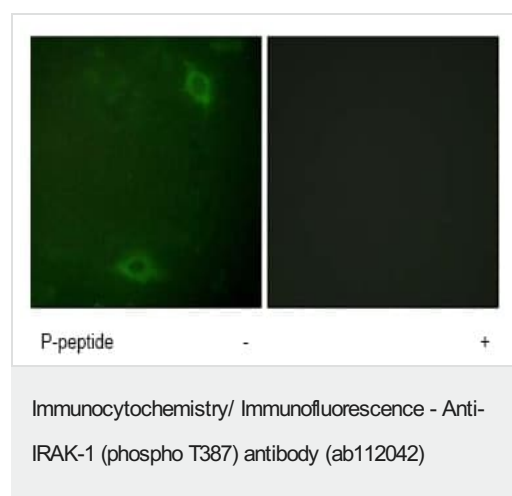
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab112042の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF	★★★★★ (1)	1/100 - 1/500.

## ターゲット情報

機能	Binds to the IL-1 type I receptor following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization. Isoform 1 binds rapidly but is then degraded allowing isoform 2 to mediate a slower, more sustained response to the cytokine. Isoform 2 is inactive suggesting that the kinase activity of this enzyme is not required for IL-1 signaling. Once phosphorylated, IRAK1 recruits the adapter protein PELI1.
組織特異性	Isoform 1 and isoform 2 are ubiquitously expressed in all tissues examined, with isoform 1 being more strongly expressed than isoform 2.
配列類似性	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily. Contains 1 protein kinase domain.
翻訳後修飾	Autophosphorylated or is transphosphorylated by IRAK4 following recruitment to the IL-1RI. In the case of isoform 1, this is linked to ubiquitination and degradation. Polyubiquitinated; after cell stimulation with IL-1-beta. Polyubiquitination occurs with polyubiquitin chains linked through 'Lys-63'.

## 画像



ab112042 at 1/100 dilution staining IRAK-1 in NIH3T3 cells by Immunofluorescence. The image on the right is treated with the synthesized phosphopeptide.

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

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