


Anti-IRAK-1 (phospho T387) antibody ab112042

★★★★★ [2 Abreviews](#) [1 图像](#)

概述

产品名称	Anti-IRAK-1 (phospho T387)抗体
描述	兔多克隆抗体to IRAK-1 (phospho T387)
宿主	Rabbit
经测试应用	适用于: ICC/IF
种属反应性	与反应: Mouse 预测可用于: Rat 
免疫原	Synthetic peptide corresponding to Human IRAK-1 (phospho T387). Database link: P51617
阳性对照	NIH3T3 cells.
常规说明	<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&As</p>

性能

形式	Liquid
存放说明	Frozen Stock (-20C). Shelf life 12 months.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 0.88% Sodium chloride, 50% Glycerol (glycerin, glycerine), 49% PBS PBS without Mg ²⁺ and Ca ²⁺
纯度	Immunogen affinity purified
纯化说明	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.
克隆	多克隆

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab112042于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF	★★★★★ (1)	1/100 - 1/500.

靶标

功能

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.

组织特异性

Isoform 1 and isoform 2 are ubiquitously expressed in all tissues examined, with isoform 1 being more strongly expressed than isoform 2.

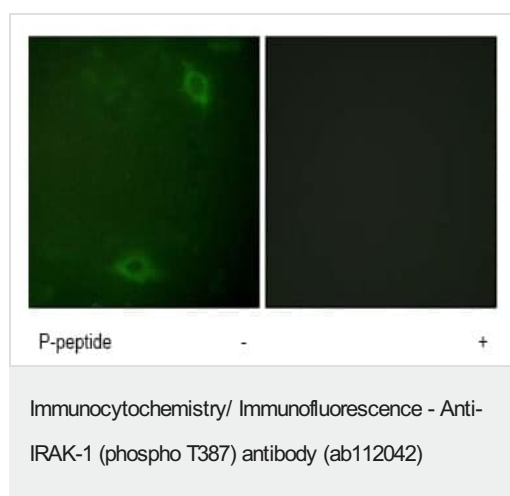
序列相似性

Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily. Contains 1 protein kinase domain.

翻译后修饰

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'.

图片



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

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