

# Anti-IRAK-1 antibody ab59220

## 1 图像

### 概述

产品名称	Anti-IRAK-1抗体
描述	兔多克隆抗体to IRAK-1
宿主	Rabbit
特异性	ab59220 detects endogenous levels of total IRAK protein.
经测试应用	适用于: ELISA, WB
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthetic non-phosphopeptide derived from human IRAK around the phosphorylation site of threonine 387 (R-G-T <sup>P</sup> -L-A).
阳性对照	HeLa cell extracts.

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 150mM Sodium chloride, pH 7.4
纯度	Immunogen affinity purified
纯化说明	ab59220 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
克隆	多克隆
同种型	IgG

### 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab59220于以下的经测试应用

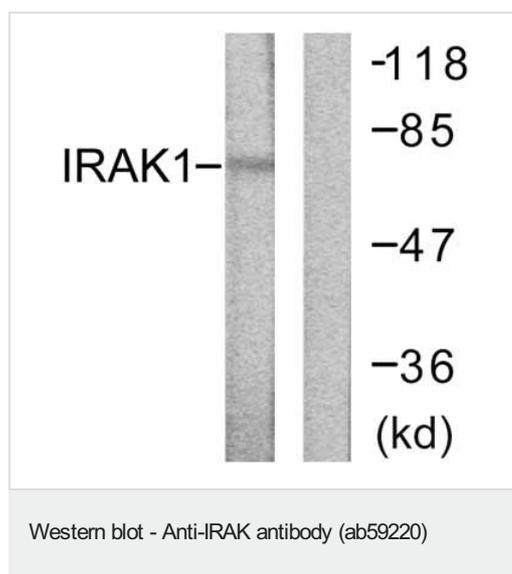
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ELISA		1/5000.
WB		1/500 - 1/1000. Detects a band of approximately 77 kDa (predicted molecular weight: 77 kDa).

## 靶标

<b>功能</b>	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.
<b>组织特异性</b>	Isoform 1 and isoform 2 are ubiquitously expressed in all tissues examined, with isoform 1 being more strongly expressed than isoform 2.
<b>序列相似性</b>	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily. Contains 1 protein kinase domain.
<b>翻译后修饰</b>	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



**All lanes :** Anti-IRAK-1 antibody (ab59220) at 1/500 dilution

**Lane 1 :** Jurkat cell extract

**Lane 2 :** Jurkat cell extract with immunising peptide

**Predicted band size:** 77 kDa

**Observed band size:** 77 kDa

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

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