

Anti-IRAK2 antibody ab6148

★★★★★ [1 Abreviews](#) [画像数 4](#)

製品の概要

製品名	Anti-IRAK2 antibody
製品の詳細	Rabbit polyclonal to IRAK2
由来種	Rabbit
特異性	Anti-IRAK2 has no cross response to IRAK.
アプリケーション	適用あり: ICC/IF, WB
種交差性	交差種: Human
免疫原	Synthetic peptide, corresponding to amino acids 546-564 of Human IRAK2.
特記事項	<p>The pro-inflammatory cytokine IL-1 induces cellular response through two subunits of its receptor, IL-1 receptor I (IL-1RI) and IL-1 receptor accessory protein (IL-1RAcP). IL-1 receptor-associated kinase (IRAK) mediates activation of NF-κB, which is a pivotal transcription factor mediating inflammatory and immune response. A novel member in the IRAK/Pelle family was recently identified and designated IRAK2 (1). Both IRAK and IRAK2 recruit to the subunits of the IL-1R complex after IL-1 binding and lead to NF-κB activation. IRAKs also associate with Toll-like receptor (TLR) and the dominant negative mutants of IRAKs inhibit LPS-induced NF-κB activation (2,3). Members in IRAK/Pelle family play a central role in IL-1R and TLR mediated inflammatory response. IRAK2 is expressed in a variety of human tissues.</p> <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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.2

	Preservative: 0.02% Sodium azide
精製度	Affinity purified
特記事項 (精製)	Purified IgG was prepared by affinity chromatography.
一次抗体 備考	The pro-inflammatory cytokine IL-1 induces cellular response through two subunits of its receptor, IL-1 receptor I (IL-1RI) and IL-1 receptor accessory protein (IL-1RAcP). IL-1 receptor-associated kinase (IRAK) mediates activation of NF-κB, which is a pivotal transcription factor mediating inflammatory and immune response. A novel member in the IRAK/Pelle family was recently identified and designated IRAK2 (1). Both IRAK and IRAK2 recruit to the subunits of the IL-1R complex after IL-1 binding and lead to NF-κB activation. IRAKs also associate with Toll-like receptor (TLR) and the dominant negative mutants of IRAKs inhibit LPS-induced NF-κB activation (2,3). Members in IRAK/Pelle family play a central role in IL-1R and TLR mediated inflammatory response. IRAK2 is expressed in a variety of human tissues.
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

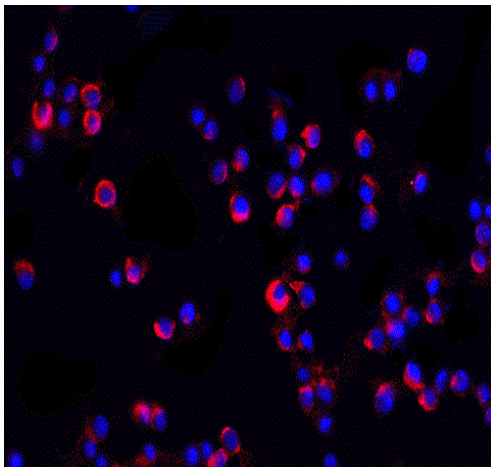
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アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 2 µg/ml.
WB		1/500 - 1/1000. Predicted molecular weight: 65 kDa.

ターゲット情報

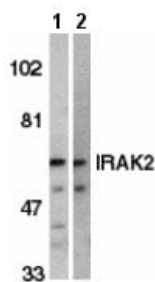
機能	Binds to the IL-1 type I receptor following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization.
組織特異性	Expressed in spleen, thymus, prostate, lung, liver, skeletal muscle, kidney, pancreas and peripheral blood leukocytes.
配列類似性	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily. Contains 1 death domain. Contains 1 protein kinase domain.
ドメイン	The protein kinase domain is predicted to be catalytically inactive.

画像



Immunofluorescent analysis of HeLa cells staining IRAK2 with ab6148 at 20µg/ml

Immunocytochemistry/ Immunofluorescence - Anti-IRAK2 antibody (ab6148)



All lanes : Anti-IRAK2 antibody (ab6148) at 2 µg/ml

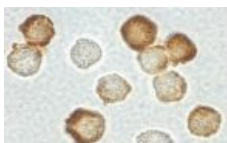
Lane 1 : HeLa whole cell lysate

Lane 2 : K562 whole cell lysate

Predicted band size: 65 kDa

Observed band size: 65 kDa

Western blot - Anti-IRAK2 antibody (ab6148)



ab6148 at 2µg/ml staining IRAK2 in HeLa cells by ICC/IF

Immunocytochemistry/ Immunofluorescence - Anti-IRAK2 antibody (ab6148)

Immunocytochemistry/ Immunofluorescence - Anti-IRAK2 antibody (ab6148)

Immunofluorescence of IRAK-2 in HeLa cells using ab6148 at 10 ug/ml.

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