abcam

Product datasheet

Anti-NOD1 antibody ab105338

4 References   画像数 1

製品の概要

製品名	Anti-NOD1 antibody
製品の詳細	Rabbit polyclonal to NOD1
由来種	Rabbit
特異性	ab105338 is predicted to not cross-react with other CARD family members.
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Mouse
免疫原	Synthetic peptide corresponding to Human NOD1 (C terminal).
ポジティブ・コントロール	EL4 cell lysate
特記事項	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.
	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

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). Store at -20°C long term.
バッファー	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Immunogen affinity purified
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

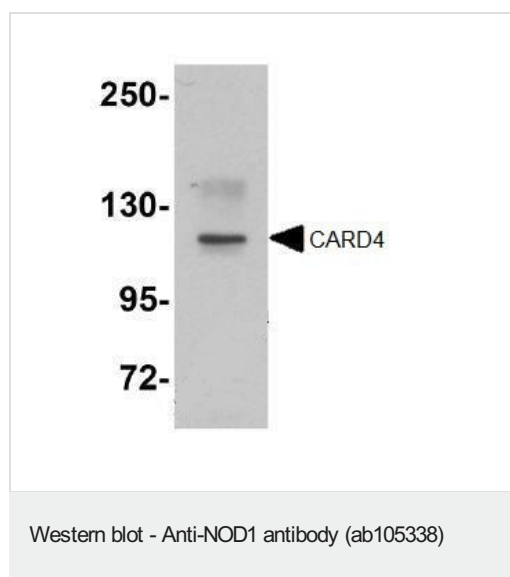**The Abpromise guarantee**   Abpromise保証は、次のテスト済みアプリケーションにおけるab105338の使用に適用されます

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
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 108 kDa.

ターゲット情報

機能	Enhances caspase-9-mediated apoptosis. Induces NF-kappa-B activity via RIPK2 and IKK-gamma. Confers responsiveness to intracellular bacterial lipopolysaccharides (LPS). Forms an intracellular sensing system along with ARHGEF2 for the detection of microbial effectors during cell invasion by pathogens. Required for RHOA and RIPK2 dependent NF-kappa-B signaling pathway activation upon S.flexneri cell invasion. Involved not only in sensing peptidoglycan (PGN)-derived muropeptides but also in the activation of NF-kappa-B by Shigella effector proteins IpgB2 and OspB. Recruits NLRP10 to the cell membrane following bacterial infection.
組織特異性	Highly expressed in adult heart, skeletal muscle, pancreas, spleen and ovary. Also detected in placenta, lung, liver, kidney, thymus, testis, small intestine and colon.
配列類似性	Contains 1 CARD domain. Contains 9 LRR (leucine-rich) repeats. Contains 1 NACHT domain.
翻訳後修飾	Ubiquitinated. 'Lys-48'-linked polyubiquitination by RNF34 promotes proteasomal degradation and thereby negatively regulates NOD1 for instance in NF-kappa-B activition.
細胞内局在	Cytoplasm. Cell membrane. Apical cell membrane. Basolateral cell membrane. Detected in the cytoplasm and at the cell membrane. Following bacterial infection, localizes to bacterial entry sites in the cell membrane. Recruited to the basolateral and apical membranes in polarized epithelial cells.

画像

Western blot - Anti-NOD1 antibody (ab105338)

Anti-NOD1 antibody (ab105338) at 1 µg/ml + EL4 cell lysate at 15 µg

Secondary

Anti-rabbit secondary antibody

Predicted band size: 108 kDa

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