abcam

Product datasheet

Anti-URP2/Kindlin-3 antibody ab106741

画像数 1

製品の概要

製品名	Anti-URP2/Kindlin-3 antibody
製品の詳細	Goat polyclonal to URP2/Kindlin-3
由来種	Goat
特異性	ab106741 is expected to recognize both isoforms (NP_113659.3, NP_848537.1).
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Human **交差が予測される動物種:** Mouse, Rat, Cow, Dog
免疫原	Synthetic peptide corresponding to Human URP2/Kindlin-3 aa 645-655 (C terminal). Sequence: C-ERARGEELDED Database link: **NP_848537.1** Run BLAST with Run BLAST with
ポジティブ・コントロール	Human Peripheral Blood Mononucleocytes lysates.
特記事項	Previously labelled as URP2.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
精製度	Immunogen affinity purified
特記事項（精製）	ab106741 is purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
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ab106741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 - 3 µg/ml. Predicted molecular weight: 76 kDa.

ターゲット情報

機能

Plays a central role in cell adhesion in hematopoietic cells. Acts by activating the integrin beta-1-3 (ITGB1, ITGB2 and ITGB3). Required for integrin-mediated platelet adhesion and leukocyte adhesion to endothelial cells. Required for activation of integrin beta-2 (ITGB2) in polymorphonuclear granulocytes (PMNs).
Isoform 2 may act as a repressor of NF-kappa-B and apoptosis.

組織特異性

Highly expressed in lymph node. Expressed in thymus, spleen and leukocytes. Weakly expressed in placenta, small intestine, stomach, testis and lung. Overexpressed in B-cell malignancies.

関連疾患

Defects in FERMT3 are the cause of leukocyte adhesion deficiency type 3 (LAD3) [MIM:612840]; also called leukocyte adhesion deficiency 1 variant (LAD1v). LAD3 is a rare syndrome characterized by infections without pus formation in the presence of a leukocytosis combined with a Glanzmann-type bleeding disorder, resulting from a hematopoietic defect in integrin activation. Symptoms arise from an inability to activate the integrins expressed on hematopoietic cells, including platelets and leukocytes.

配列類似性

Belongs to the kindlin family.
Contains 1 FERM domain.
Contains 1 PH domain.

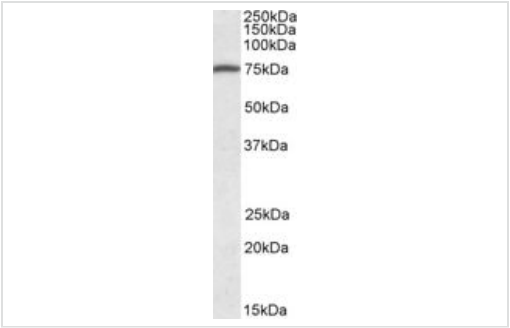
ドメイン

The FERM domain is not correctly detected by PROSITE or Pfam techniques because it contains the insertion of a PH domain.

細胞内局在

Cell projection > podosome. Present in the F-actin surrounding ring structure of podosomes, which are specialized adhesion structures of hematopoietic cells.

画像



Western blot - Anti-URP2/Kindlin-3 antibody (ab106741)

Anti-URP2/Kindlin-3 antibody (ab106741) at 1 µg/ml + Human Peripheral Blood Mononucleocytes lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

Predicted band size: 76 kDa

Primary incubation was 1 hour.

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

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