

Anti-MYO9B antibody ab52026

画像数 1

製品の概要

製品名	Anti-MYO9B antibody
製品の詳細	Goat polyclonal to MYO9B
由来種	Goat
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Synthetic peptide: C-KNDFEPVKQSKAQ , corresponding to internal sequence amino acids 1605-1617 of Human MYO9B  Run BLAST with  Run BLAST with
ポジティブ・コントロール	Human Liver lysate.
特記事項	<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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified
特記事項 (精製)	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ab52026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		

追加情報

Peptide ELISA: Antibody detection limit dilution 1:2,000.
WB: Use at a concentration of 2 - 6 µg/ml. Detects a band of approximately 200 kDa (predicted molecular weight: 244 kDa).

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能

Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Binds actin with high affinity both in the absence and presence of ATP and its mechanochemical activity is inhibited by calcium ions (PubMed:9490638). Also acts as a GTPase activator for RHOA (PubMed:9490638, PubMed:26529257). Plays a role in the regulation of cell migration via its role as RHOA GTPase activator. This is regulated by its interaction with the SLIT2 receptor ROBO1; interaction with ROBO1 impairs interaction with RHOA and subsequent activation of RHOA GTPase activity, and thereby leads to increased levels of active, GTP-bound RHOA (PubMed:26529257).

組織特異性

Detected in peripheral blood leukocytes (at protein level) (PubMed:9490638). Expressed predominantly in peripheral blood leukocytes and at lower levels, in thymus, spleen, testis, prostate, ovary, brain, small intestine and lung.

関連疾患

Celiac disease 4

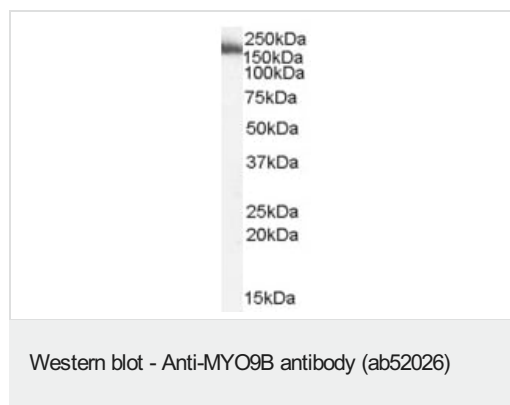
配列類似性

Belongs to the TRAFAC class myosin-kinesin ATPase superfamily. Myosin family.
Contains 4 IQ domains.
Contains 1 myosin motor domain.
Contains 1 phorbol-ester/DAG-type zinc finger.
Contains 1 Ras-associating domain.
Contains 1 Rho-GAP domain.

細胞内局在

Cytoplasm, cell cortex. Cytoplasm, perinuclear region. Cytoplasm, cytoskeleton. In undifferentiated cells colocalizes with F-actin in the cell periphery while in differentiated cells its localization is cytoplasmic with the highest levels in the perinuclear region.

画像



Anti-MYO9B antibody (ab52026) at 2 µg/ml + Human Liver lysate
(35µg protein in RIPA buffer).

Predicted band size: 244 kDa

Observed band size: 200 kDa

Primary incubation was 1 hour. Detected by chemiluminescence.

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

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