

Product datasheet

Anti-ENTPD5 antibody [EPR3783] ab92542

リコンビナント RabMAb®

1 References [画像数 1](#)

製品の概要

製品名	Anti-ENTPD5 antibody [EPR3783]
製品の詳細	Rabbit monoclonal [EPR3783] to ENTPD5
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC, IHC-P or IP
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide within Human ENTPD5 aa 100-200. The exact sequence is proprietary.
ポジティブ・コントロール	Human fetal liver, Hela and LNCaP lysates.
特記事項	

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#)

This product is a recombinant rabbit monoclonal antibody.

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 repeated freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EPR3783
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab92542** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
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WB 1/1000 - 1/5000. Predicted molecular weight: 47 kDa.

追加情報 Is unsuitable for Flow Cyt, ICC, IHC-P or IP.

ターゲット情報

機能 Uridine diphosphatase (UDPase) that promotes protein N-glycosylation and ATP level regulation. UDP hydrolysis promotes protein N-glycosylation and folding in the endoplasmic reticulum, as well as elevated ATP consumption in the cytosol via an ATP hydrolysis cycle. Together with CMPK1 and AK1, constitutes an ATP hydrolysis cycle that converts ATP to AMP and results in a compensatory increase in aerobic glycolysis. Also hydrolyzes GDP and IDP but not any other nucleoside di-, mono- or triphosphates, nor thiamine pyrophosphate. Plays a key role in the AKT1-PTEN signaling pathway by promoting glycolysis in proliferating cells in response to phosphoinositide 3-kinase (PI3K) signaling.

組織特異性 Expressed in adult liver, kidney, prostate, testis and colon. Much weaker expression in other tissues.

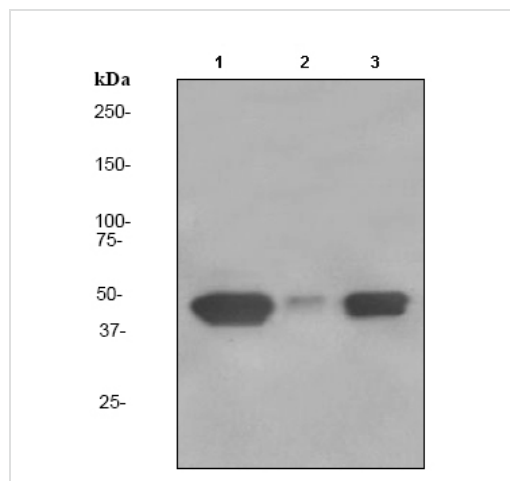
パスウェイ Protein modification; protein glycosylation.

配列類似性 Belongs to the GDA1/CD39 NTPase family.

翻訳後修飾 N-glycosylated; high-mannose type.

細胞内局在 Endoplasmic reticulum lumen.

画像



Western blot - Anti-ENTPD5 antibody [EPR3783] (ab92542)

All lanes : Anti-ENTPD5 antibody [EPR3783] (ab92542) at 1/1000 dilution

Lane 1 : Human fetal liver lysate

Lane 2 : Hela cell lysate

Lane 3 : LNCaP cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP conjugated Goat anti-Rabbit IgG at 1/2000 dilution

Predicted band size: 47 kDa

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