abcam

Product datasheet

Anti-MRP6/ARA antibody ab54826

1 References 画像数 1

製品の概要

製品名	Anti-MRP6/ARA antibody
製品の詳細	Mouse monoclonal to MRP6/ARA
由来種	Mouse
アプリケーション	**適用あり:** ELISA, WB
種交差性	**交差種:** Recombinant fragment **交差が予測される動物種:** Human
免疫原	Recombinant fragment, corresponding to amino acids 831-931 of Human MRP6 with tag (NP_001162).
ポジティブ・コントロール	Recombinant fragment of human MRP6.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: None Constituents: 1X PBS, pH 7.2
精製度	Protein A purified
ポリ/モノ	モノクローナル
アイソタイプ	IgG
軽鎖の種類	kappa

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ab54826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。

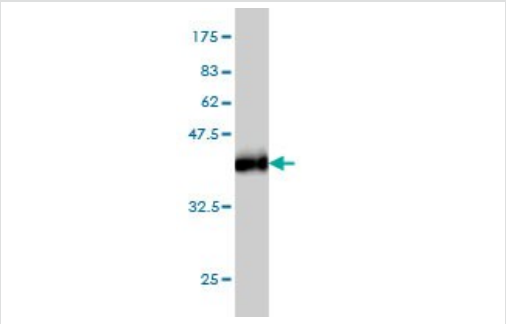
アプリケーション	Abreviews	特記事項

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent dilution. Detection limit for recombinant tagged ABCC6 is approximately 0.03ng/ml if used as a capture antibody.
WB		1/500 - 1/1000. Detects a band of approximately 37 kDa (predicted molecular weight: 164 kDa).

ターゲット情報

機能	May participate directly in the active transport of drugs into subcellular organelles or influence drug distribution indirectly. Transports glutathione conjugates as leukotriene-c4 (LTC4) and N-ethylmaleimide S-glutathione (NEM-GS).
組織特異性	Expressed in kidney and liver. Very low expression in other tissues.
関連疾患	Defects in ABCC6 are the cause of pseudoxanthoma elasticum (PXE) [MIM:264800]. PXE is a disorder characterized by calcification of elastic fibers in skin, arteries and retina that results in dermal lesions with associated laxity and loss of elasticity, arterial insufficiency and retinal hemorrhages leading to macular degeneration. PXE is caused in the overwhelming majority of cases by homozygous or compound heterozygous mutations in the ABCC6 gene (autosomal recessive PXE). Individuals carrying heterozygous mutations express limited manifestations of the pseudoxanthoma elasticum phenotype (autosomal dominant PXE).
配列類似性	Belongs to the ABC transporter superfamily. ABCC family. Conjugate transporter (TC 3.A.1.208) subfamily. Contains 2 ABC transmembrane type-1 domains. Contains 2 ABC transporter domains.
細胞内局在	Membrane. Localized to the basolateral membrane.

画像



Western blot - Anti-MRP6 antibody (ab54826)

Anti-MRP6/ARA antibody (ab54826) at 1/500 dilution +
Recombinant fragment of human MRP6 at 0.2 µg

Secondary
Goat Anti-Mouse IgG (H&L)-HRP at 1/5000 dilution

Predicted band size: 164 kDa
Observed band size: 37 kDa

Western blot against tagged recombinant protein immunogen using ab54826 antibody at 1/500 dilution. Predicted band size of immunogen is 164kDa.

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