

Anti-BMPR2 antibody ab96826

★★★★★ [2 Abreviews](#) [9 References](#) [画像数 2](#)

製品の概要

製品名	Anti-BMPR2 antibody
製品の詳細	Rabbit polyclonal to BMPR2
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB
種交差性	交差種: Mouse, Human 交差が予測される動物種: Rat 
免疫原	Recombinant fragment containing a sequence corresponding to a region within amino acids 667-921 of Human BMPR2 (NP_001195).
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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 78% PBS, 1% BSA, 20% Glycerol (glycerin, glycerine)
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ab96826の使用に適用されます

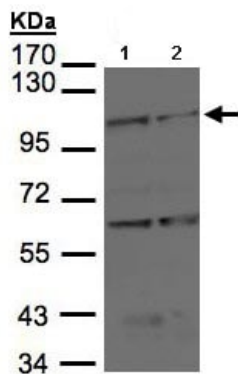
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use at an assay dependent concentration.
WB	★★★★★ (1)	1/500 - 1/3000. Predicted molecular weight: 115 kDa.

ターゲット情報

機能	On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Binds to BMP-7, BMP-2 and, less efficiently, BMP-4. Binding is weak but enhanced by the presence of type I receptors for BMPs.
組織特異性	Highly expressed in heart and liver.
関連疾患	Defects in BMPR2 are the cause of primary pulmonary hypertension (PPH1) [MIM:178600]. PPH1 is a rare autosomal dominant disorder characterized by plexiform lesions of proliferating endothelial cells in pulmonary arterioles. The lesions lead to elevated pulmonary arterial pressure, right ventricular failure, and death. The disease can occur from infancy throughout life and it has a mean age at onset of 36 years. Penetrance is reduced. Although familial PPH1 is rare, cases secondary to known etiologies are more common and include those associated with the appetite-suppressant drugs. Defects in BMPR2 are a cause of pulmonary venoocclusive disease (PVOD) [MIM:265450]. PVOD is a rare form of pulmonary hypertension in which the vascular changes originate in the small pulmonary veins and venules. The pathogenesis is unknown and any link with PPH1 has been speculative. The finding of PVOD associated with a BMPR2 mutation reveals a possible pathogenetic connection with PPH1.
配列類似性	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. TGFB receptor subfamily. Contains 1 protein kinase domain.
細胞内局在	Membrane.

画像



Western blot - Anti-BMPR2 antibody (ab96826)

All lanes : Anti-BMPR2 antibody (ab96826) at 1/1000 dilution

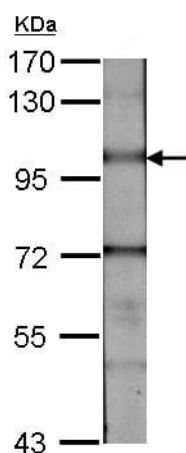
Lane 1 : H1299 whole cell lysate

Lane 2 : Raji whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size: 115 kDa

7.5% SDS-PAGE



Western blot - Anti-BMPR2 antibody (ab96826)

Anti-BMPR2 antibody (ab96826) at 1/1000 dilution + NIH-3T3 whole cell lysate at 30 µg

Predicted band size: 115 kDa

7.5% SDS-PAGE

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