abcam

Product datasheet

Anti-Activin A Receptor Type IB/ALK-4 antibody ab64813

★★★★☆ 1 Abreviews 4 References 画像数 3

製品の概要

製品名	Anti-Activin A Receptor Type IB/ALK-4 antibody
製品の詳細	Rabbit polyclonal to Activin A Receptor Type IB/ALK-4
由来種	Rabbit
アプリケーション	**適用あり:** WB, ELISA, ICC/IF, IHC-P
種交差性	**交差種:** Mouse, Rat, Human
免疫原	A synthetic peptide derived from an internal region of human Activin A Receptor Type IB
ポジティブ・コントロール	Hela cells or 293 cell lines. Heart.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS, 150mM Sodium chloride, pH 7.4
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ab64813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。

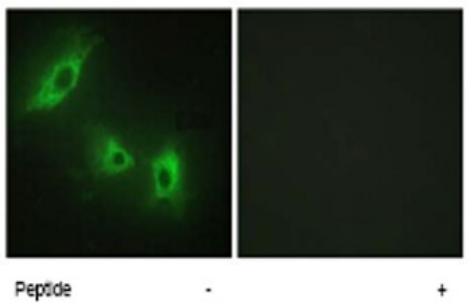
アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Detects a band of approximately 57 kDa (predicted molecular weight: 57 kDa).
ELISA		1/5000.
ICC/IF		1/500 - 1/1000.

アプリケーション	Abreviews	特記事項
IHC-P	★★★★☆ (1)	Use at an assay dependent concentration.

ターゲット情報

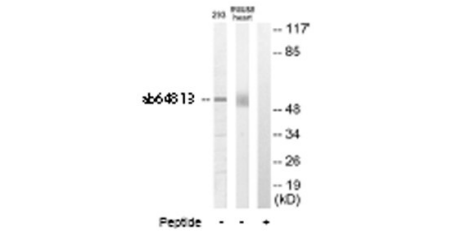
機能	On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Phosphorylates TDP2.
組織特異性	Expressed in many tissues, most strongly in kidney, pancreas, brain, lung, and liver.
配列類似性	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. TGFB receptor subfamily. Contains 1 GS domain. Contains 1 protein kinase domain.
翻訳後修飾	Autophosphorylated.
細胞内局在	Membrane.
製品の状態	There are 3 isoforms produced by alternative splicing. Isoform 1 also known as SKR2-1; isoform 2 as SKR2-2; isoform 3 as SKR2-3.

画像



Immunocytochemistry/ Immunofluorescence - Anti-Activin A Receptor Type IB antibody (ab64813)

Immunofluorescence analysis of HeLa cells using ab64813 at a 1:500 dilution.
Left image untreated.
Right image treated with peptide.



Western blot - Anti-Activin A Receptor Type IB antibody (ab64813)

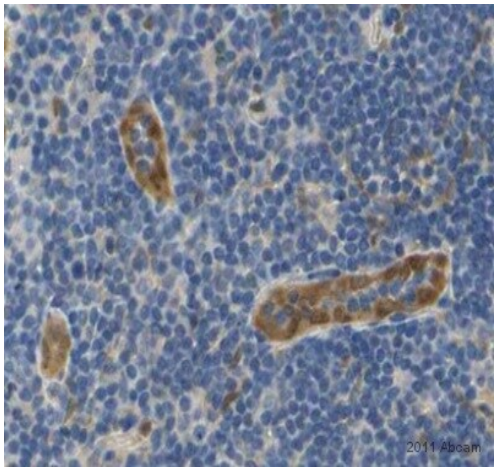
All lanes : Anti-Activin A Receptor Type IB/ALK-4 antibody (ab64813) at 1/500 dilution

Lane 1 : Extracts from 293 cells
Lane 2 : Extracts from mouse heart
Lane 3 : Extracts from mouse heart cells immunizing peptide at 5 µg

Lysates/proteins at 10 µg per lane.

Predicted band size: 57 kDa

Observed band size: 57 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Activin A Receptor Type IB antibody (ab64813)

This image is courtesy of an Anonymous Abreview.

ab64813 staining Activin A Receptor Type IB in human lymph node tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded tissue sections). The sections were fixed in paraformaldehyde prior to blocking with 10% serum for 1 hour at 20°C. The primary antibody was diluted 1/250 and incubated with the sample for 12 hours at 4°C. An HRP-conjugated goat anti-rabbit polyclonal was used as the secondary antibody, diluted 1/200.

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