

Anti-ALK-1 antibody ab10179

画像数 1

製品の概要

製品名	Anti-ALK-1 antibody
製品の詳細	Goat polyclonal to ALK-1
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 within Human ALK-1 aa 450 to the C-terminus (Cysteine residue). The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements.

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ポジティブ・コントロール Lung and liver extracts.

特記事項 Activin A receptor, type II-like 1 is a type I cell-surface receptor for the TGF-beta superfamily of ligands. ACVRL1 is most highly expressed in human placenta and lung. ACVRL1 deficiency causes hemorrhagic telangiectasia type 2 (HHT2; MIM 600376) also known as Rendu-Osler-Weber syndrome 2 (ORW2). Note: ACVRL1 is also known as ALK1 - not to be confused with the similarly named ALK (anaplastic lymphoma kinase).

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.

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

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: 7.3 Preservative: 0.02% Sodium azide Constituents: 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.
一次抗体備考	Activin A receptor, type II-like 1 is a type I cell-surface receptor for the TGF-beta superfamily of ligands. ACVRL1 is most highly expressed in human placenta and lung. ACVRL1 deficiency causes hemorrhagic telangiectasia type 2 (HHT2; MIM 600376) also known as Rendu-Osler-Weber syndrome 2 (ORW2). Note: ACVRL1 is also known as ALK1 - not to be confused with the similarly named ALK (anaplastic lymphoma kinase).
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ab10179の使用に適用されます**

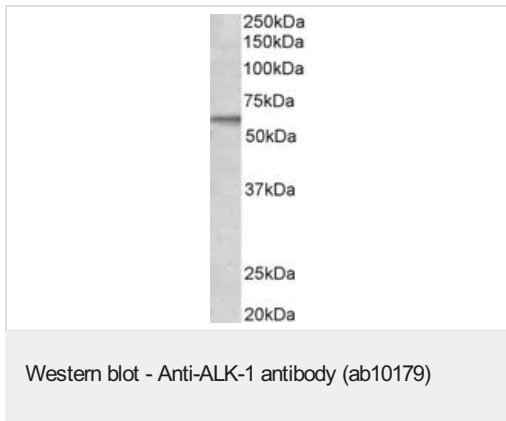
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 60 kDa (predicted molecular weight: 56 kDa). 1 hour primary incubation is recommended for this product.

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. Receptor for TGF-beta. May bind activin as well.
関連疾患	Defects in ACVRL1 are the cause of hereditary hemorrhagic telangiectasia type 2 (HHT2) [MIM:600376]; also known as Osler-Rendu-Weber syndrome 2 (ORW2). HHT2 is an autosomal dominant multisystemic vascular dysplasia, characterized by recurrent epistaxis, muco-cutaneous telangiectases, gastro-intestinal hemorrhage, and pulmonary, cerebral and hepatic arteriovenous malformations; all secondary manifestations of the underlying vascular dysplasia.
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.
細胞内局在	Membrane.

画像



Anti-ALK-1 antibody (ab10179) at 2 µg/ml + MCF7 lysate at 35 µg

Developed using the ECL technique.

Predicted band size: 56 kDa

Observed band size: 60 kDa

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

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