

Anti-ALK-1 antibody ab10179

1 图像

概述

产品名称	Anti-ALK-1抗体
描述	山羊多克隆抗体to ALK-1
宿主	Goat
经测试应用	适用于: WB
种属反应性	与反应: 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 <u>contact</u> our Scientific Support team to discuss your requirements.

 [Run BLAST with](#)

 [Run BLAST with](#)

阳性对照	Lung and liver extracts.
常规说明	<p>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).</p> <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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	<p>pH: 7.3</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: Tris buffered saline, 0.5% BSA</p>

纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Primary antibody说明	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).
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab10179于以下的经测试应用

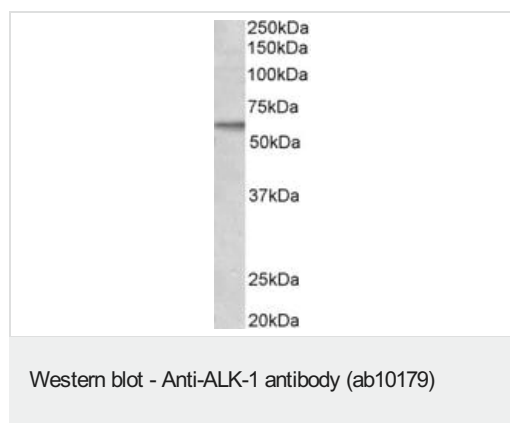
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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.

靶标

功能	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.
疾病相关	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.
序列相似性	Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. TGFB receptor subfamily. Contains 1 GS domain. Contains 1 protein kinase domain.
细胞定位	Membrane.

图片



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"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors