

Anti-VEGF 164 antibody ab53465

54 References [画像数 1](#)

製品の概要

製品名	Anti-VEGF 164 antibody
製品の詳細	Rabbit polyclonal to VEGF 164
由来種	Rabbit
特異性	ab53465 reacts with all human VEGF isoforms (121, 165, 189, and 206). No cross reaction is observed with PDGF, FGF-1, FGF-2, and TGFα.
アプリケーション	適用あり: IHC-P, RIA, ELISA, WB
種交差性	交差種: Rat, Cow, Human, Pig
免疫原	Recombinant bovine VEGF 164
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 and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Constituent: Whole serum
精製度	Whole antiserum
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

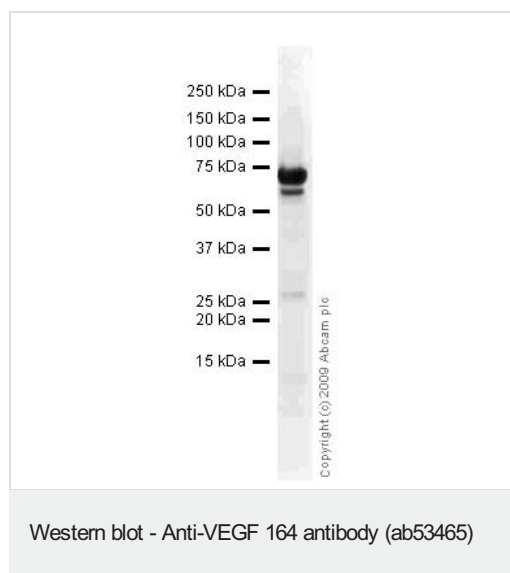
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab53465の使用に適用されます
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration.
RIA		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration. PubMed: 21441982
WB		Use at an assay dependent concentration. Predicted molecular weight: 27 kDa.

ターゲット情報

機能	Growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. Induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels. Binds to the FLT1/VEGFR1 and KDR/VEGFR2 receptors, heparan sulfate and heparin. NRP1/Neuropilin-1 binds isoforms VEGF-165 and VEGF-145. Isoform VEGF165B binds to KDR but does not activate downstream signaling pathways, does not activate angiogenesis and inhibits tumor growth.
組織特異性	Isoform VEGF189, isoform VEGF165 and isoform VEGF121 are widely expressed. Isoform VEGF206 and isoform VEGF145 are not widely expressed. A higher level expression seen in pituitary tumors as compared to the pituitary gland.
関連疾患	Microvascular complications of diabetes 1
配列類似性	Belongs to the PDGF/VEGF growth factor family.
細胞内局在	Secreted. VEGF121 is acidic and freely secreted. VEGF165 is more basic, has heparin-binding properties and, although a significant proportion remains cell-associated, most is freely secreted. VEGF189 is very basic, it is cell-associated after secretion and is bound avidly by heparin and the extracellular matrix, although it may be released as a soluble form by heparin, heparinase or plasmin.

画像



Anti-VEGF 164 antibody (ab53465) at 1/500 dilution + Human thymus tissue lysate - total protein ([ab30146](#)) at 10 µg

Secondary

Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Predicted band size: 27 kDa

Observed band size: 27 kDa

Additional bands at: 70 kDa (possible dimer), 70 kDa (possible glycosylated form)

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