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Datasheet for ABIN7443965 anti-VEGFB antibody (AA 22-137)

3 Images



Overview

Quantity:	100 μL
Target:	VEGFB
Binding Specificity:	AA 22-137
Reactivity:	Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VEGFB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Vascular Endothelial Growth Factor B (VEGFB)
Immunogen:	Recombinant Vascular Endothelial Growth Factor B (VEGFB) corresdonding to Pro22~Arg137
Isotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against VEGFB. It has been selected for its ability to recognize VEGFB in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details

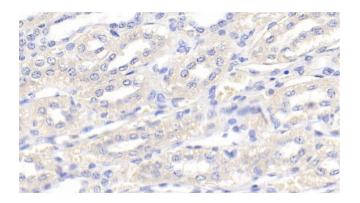
Target:	VEGFB
Alternative Name:	Vascular Endothelial Growth Factor B (VEGFB Products)
Background:	VEGF-B, VEGFL, VRF, VEGF-Related Factor
Pathways:	RTK Signaling, Signaling Events mediated by VEGFR1 and VEGFR2, VEGFR1 Specific Signals

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL
	Immunohistochemistry: 5-20 µg/mL
	Immunocytochemistry: 5-20 µg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37 $^\circ C$ for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

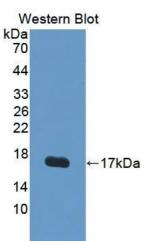
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



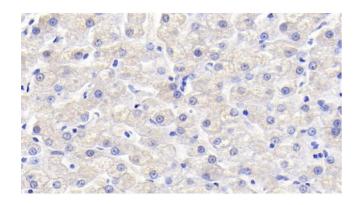
Immunohistochemistry

Image 1. Detection of VEGFB in Canine Kidney Tissue using Polyclonal Antibody to Vascular Endothelial Growth Factor B (VEGFB)



Western Blotting

Image 2. Detection of Recombinant VEGFB, Canine using Polyclonal Antibody to Vascular Endothelial Growth Factor B (VEGFB)



Immunohistochemistry

Image 3. Detection of VEGFB in Canine Liver Tissue using Polyclonal Antibody to Vascular Endothelial Growth Factor B (VEGFB)

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