

Datasheet for ABIN7433558  
**anti-VEGFR2/CD309 antibody (AA 46-320)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	VEGFR2/CD309 (VEGFR2)
Binding Specificity:	AA 46-320
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VEGFR2/CD309 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Vascular Endothelial Growth Factor Receptor 2 (VEGFR2)
Immunogen:	Recombinant Vascular Endothelial Growth Factor Receptor 2 (VEGFR2) corresponding to Asn46~Thr320 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against VEGFR2. It has been selected for its ability to recognize VEGFR2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

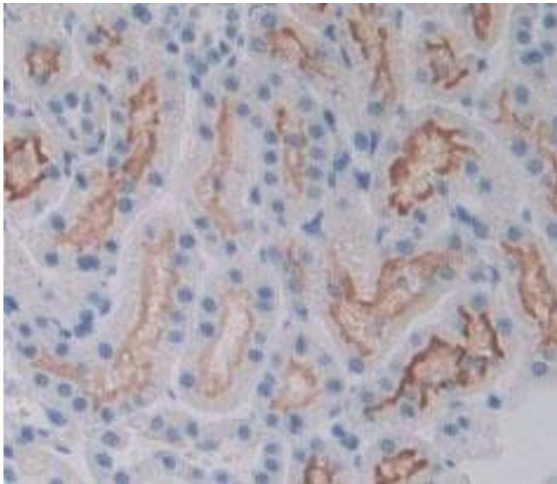
Target:	VEGFR2/CD309 (VEGFR2)
Alternative Name:	Vascular Endothelial Growth Factor Receptor 2 ( <a href="#">VEGFR2 Products</a> )
Background:	CD309, FLK1, VEGFR, KDR, A Type III Receptor Tyrosine Kinase, Kinase Insert Domain Receptor, Kinase Insert Domain Receptor, Fetal Liver Kinase-1
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Glycosaminoglycan Metabolic Process</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">Growth Factor Binding</a> , <a href="#">Regulation of long-term Neuronal Synaptic Plasticity</a> , <a href="#">VEGF Signaling</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:350-1400 Immunohistochemistry: 5-20 µg/mL 1:35-140 Immunocytochemistry: 5-20 µg/mL 1:35-140 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°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

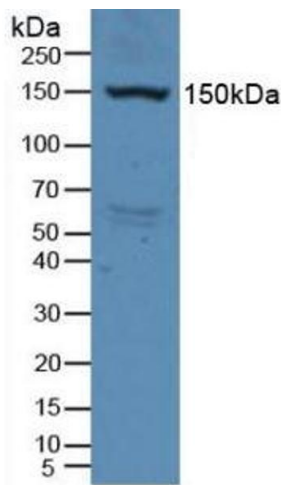
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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



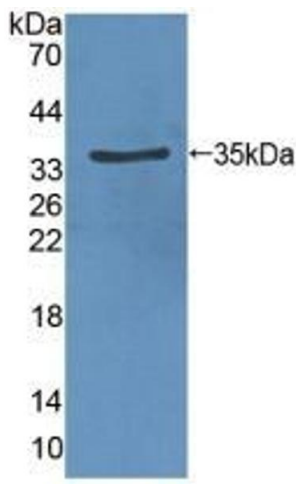
Immunohistochemistry

**Image 1.** Detection of VEGFR2 in Rat Kidney Tissue using Polyclonal Antibody to Vascular Endothelial Growth Factor Receptor 2 (VEGFR2)



Western Blotting

**Image 2.** Detection of VEGFR2 in Rat Serum using Polyclonal Antibody to Vascular Endothelial Growth Factor Receptor 2 (VEGFR2)



Western Blotting

**Image 3.** Detection of Recombinant VEGFR2, Rat using Polyclonal Antibody to Vascular Endothelial Growth Factor Receptor 2 (VEGFR2)