

Datasheet for ABIN7429451
anti-VEGFA antibody (AA 27-190)

6 Images

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Overview

Quantity:	100 µL
Target:	VEGFA
Binding Specificity:	AA 27-190
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VEGFA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Vascular Endothelial Growth Factor A (VEGFA)
Immunogen:	Recombinant Vascular Endothelial Growth Factor A (VEGFA) corresponding to Ala27~Arg190 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against VEGFA. It has been selected for its ability to recognize VEGFA in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

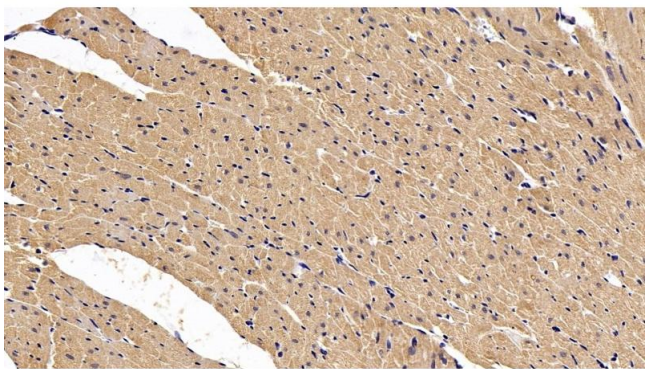
Target:	VEGFA
Alternative Name:	Vascular Endothelial Growth Factor A (VEGFA Products)
Background:	VEGF, VEGF-A, VPF, Vascular Endothelial Cell Growth Factor A, Vascular Permeability Factor
Pathways:	RTK Signaling , Glycosaminoglycan Metabolic Process , Regulation of Cell Size , Tube Formation , Signaling Events mediated by VEGFR1 and VEGFR2 , Platelet-derived growth Factor Receptor Signaling , VEGFR1 Specific Signals , VEGF Signaling

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°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

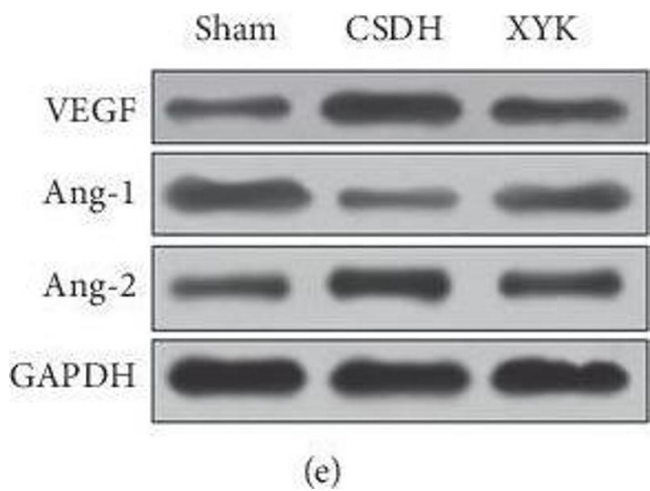
Handling

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



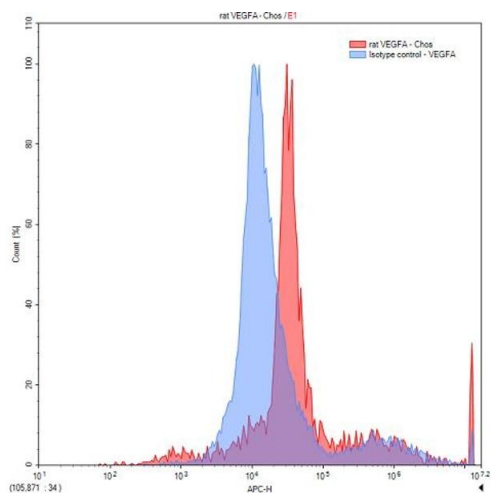
Immunohistochemistry

Image 1. Detection of VEGFA in Rat Cardiac Muscle Tissue using Polyclonal Antibody to Vascular Endothelial Growth Factor A (VEGFA)



Western Blotting

Image 2. In the XYK group, HIF-1 α and VEGF decreased, E3 ubiquitin-protein ligase parkin and 26S proteasome protein increased, and the Ang-1/Ang-2 ratio increased in the hematoma. Western blots analysis of HIF-1 α , E3 ubiquitin-protein ligase parkin, and 26S proteasome protein in hematoma (A-D). Western blots analysis of VEGF, Ang-1, and Ang-2 (E-I). $P < 0.05$ and $P < 0.01$. Ang, angiopoietins, CSDH, chronic subdural hematoma HIF, hypoxia-inducible factor, VEGF, vascular endothelial growth factor, XYK, Xiaoyukang Jiaonang. - figure provided by CiteAb. Source: PMID32328124



Flow Cytometry

Image 3. Detection of VEGFA in Chos line transfected with target gene using Polyclonal Antibody to Vascular Endothelial Growth Factor A (VEGFA)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7429451.