Datasheet for ABIN655912

anti-Endothelin 1 antibody (C-Term)

3 Images

Go to Product page

Overview

Quantity:	400 µL
Target:	Endothelin 1 (EDN1)
Binding Specificity:	AA 176-203, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Endothelin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This EDN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 176-203 amino acids from the C-terminal region of human EDN1.
Clone:	RB20657
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Endothelin 1 (EDN1)
Alternative Name:	EDN1 (EDN1 Products)

Target Details

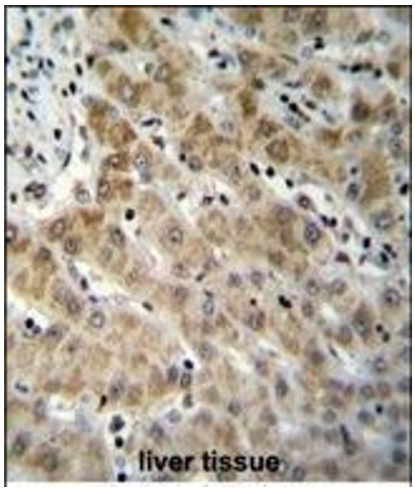
Background:	The protein encoded by this gene is proteolytically processed to release a secreted peptide termed endothelin 1. This peptide is a potent vasoconstrictor and is produced by vascular endothelial cells. Endothelin 1 also can affect the central nervous system. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	24425
Gene ID:	1906
NCBI Accession:	NP_001161791, NP_001946
UniProt:	P05305
Pathways:	Hormone Transport, Negative Regulation of Hormone Secretion, Regulation of Systemic Arterial Blood Pressure by Hormones, cAMP Metabolic Process, Regulation of Muscle Cell Differentiation, Regulation of G-Protein Coupled Receptor Protein Signaling, Regulation of Cell Size

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

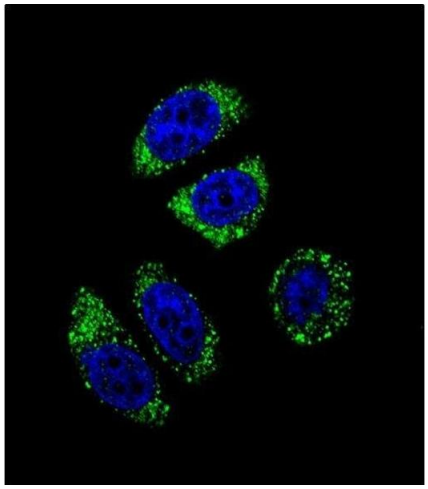
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



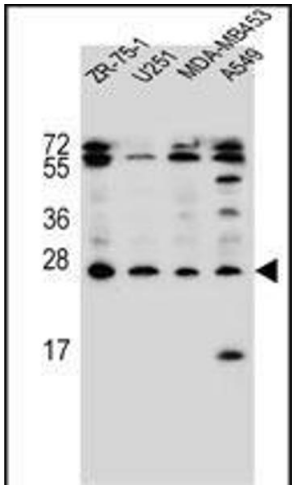
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. EDN1 Antibody (C-term) (ABIN655912 and ABIN2845311) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of EDN1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of EDN1 Antibody (C-term) (ABIN655912 and ABIN2845311) with A549 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. EDN1 Antibody (C-term) (ABIN655912 and ABIN2845311) western blot analysis in ZR-75-1,,MDA-M,A549 cell line lysates (35 µg/lane).This demonstrates the EDN1 antibody detected the EDN1 protein (arrow).