

Datasheet for ABIN728473
anti-Fibulin 5 antibody (AA 101-200)

3 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	Fibulin 5 (FBLN5)
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibulin 5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Fibulin 5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow
Purification:	Purified by Protein A.

Target Details

Target:	Fibulin 5 (FBLN5)
Alternative Name:	Fibulin 5 (FBLN5 Products)
Background:	Synonyms: EVEC, UP50, ADCL2, ARMD3, DANCE, ARCL1A, FIBL-5, Fibulin-5, Developmental

Target Details

arteries and neural crest EGF-like protein, Urine p50 protein, FBLN5, UNQ184/PRO210

Background: Promotes adhesion of endothelial cells through interaction of integrins and the RGD motif. Could be a vascular ligand for integrin receptors and may play a role in vascular development and remodeling.

Gene ID: 10516

UniProt: [Q9UBX5](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

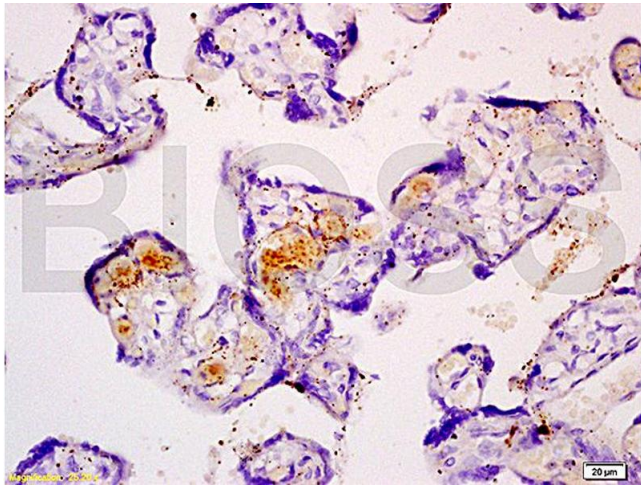
Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

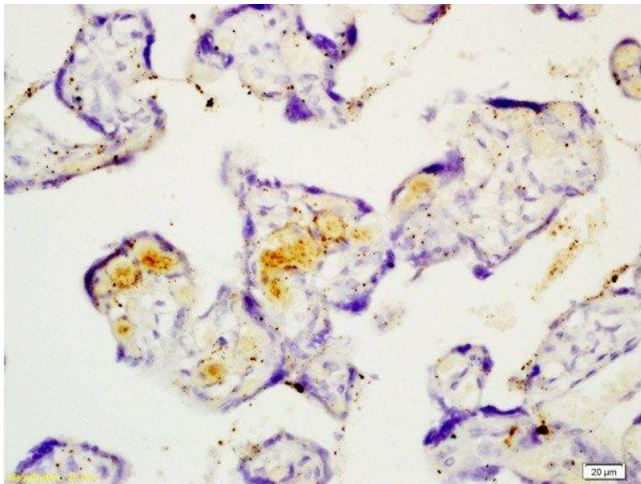
Publications

Product cited in: Sun, Tomita, Salinger, Tilwawala, Li, Hakami, Liu, Tsoyi, Rosas, Reinhardt, Thompson, Ho: "PAD2-mediated citrullination of Fibulin-5 promotes elastogenesis." in: **Matrix biology : journal of the International Society for Matrix Biology**, Vol. 102, pp. 70-84, (2022) ([PubMed](#)).



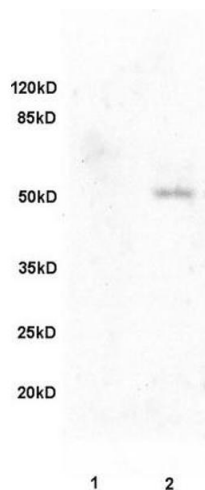
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human placenta tissue with Anti-Fibulin 5 Polyclonal Antibody (ABIN728473), Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded human placenta tissue with Anti-Fibulin 5 Polyclonal Antibody , Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining



SDS-PAGE

Image 3. L1 rat brain, L2 human colon carcinoma lysates probed (ABIN728473) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted and observed band size: 50kDa.